



# Appendix B

## E-UTRA Band 5



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**CONTENT**

**1 EFFECTIVE (ISOTROPIC) RADIATED POWER ..... 4**

1.1. TEST RESULT FOR DOWN ANT ..... 4

1.2. TEST RESULT FOR UP ANT ..... 11

**2. PEAK-TO-AVERAGE RATIO (CCDF)..... 20**

2.1. TEST RESULT ..... 20

2.2. TEST PLOTS..... 20

**3. MODULATION CHARACTERISTICS ..... 25**

3.1. TEST MODE = LTE /TM1 10MHZ..... 25

3.1.1. TEST CHANNEL = MCH..... 25

3.2. TEST MODE = LTE /TM2 10MHZ..... 26

3.2.1. TEST CHANNEL = MCH..... 26

3.3. TEST MODE = LTE /TM3 10MHZ..... 27

3.3.1. TEST CHANNEL = MCH..... 27

**4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH ..... 28**

4.1. TEST RESULT ..... 28

4.2. TEST PLOTS..... 29

**5. BAND EDGE COMPLIANCE ..... 47**

5.1. TEST RESULT ..... 47

5.2. TEST PLOTS..... 48

**6. SPURIOUS EMISSION AT ANTENNA TERMINAL ..... 73**

6.1. TEST RESULT ..... 73

6.2. TEST PLOTS..... 73

**7. FIELD STRENGTH OF SPURIOUS RADIATION ..... 83**

7.1. TEST MODE =LTE/TM1 10MHZ(DOWN ANT)..... 83

7.1.1. TEST CHANNEL = LCH ..... 83

7.1.2. TEST CHANNEL = MCH..... 83

7.1.3. TEST CHANNEL = HCH..... 84

7.2. TEST MODE =LTE/TM1 10MHZ(UPANT) ..... 84

7.2.1. TEST CHANNEL = LCH ..... 84



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7.2.2. TEST CHANNEL = MCH..... 85

7.2.3. TEST CHANNEL = HCH..... 85

8. FREQUENCY STABILITY ..... 87

8.1. FREQUENCY VS VOLTAGE ..... 87

8.1. FREQUENCY VS TEMPERATURE ..... 87



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Down Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#2	23.18	15.47	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.33	15.62	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	23.20	15.49	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.20	15.49	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.26	15.55	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.27	15.56	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.28	14.57	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.18	15.47	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.26	15.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.12	15.41	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.24	15.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.23	15.52	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.26	15.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.38	14.67	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.08	15.37	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.37	15.66	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.09	15.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.25	15.54	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.21	15.5	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.18	15.47	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.19	14.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.26	13.55	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.76	14.05	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.24	13.53	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.04	13.33	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.15	13.44	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.19	13.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.18	12.47	38.45	PASS



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Band5	1.4MHz	64QAM	20525	1RB#5	21.15	13.44	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.29	13.58	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	20.84	13.13	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.03	13.32	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.38	13.67	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.11	13.4	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.19	12.48	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	20.95	13.24	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.30	13.59	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.23	13.52	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.24	13.53	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.10	13.39	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.00	13.29	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.32	12.61	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.34	14.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.81	15.1	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.33	14.62	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.15	14.44	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.23	14.52	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.33	14.62	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.23	13.52	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.27	14.56	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.38	14.67	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.92	14.21	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.10	14.39	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.46	14.75	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.21	14.5	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.29	13.58	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.06	14.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.41	14.7	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.36	14.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.31	14.6	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.19	14.48	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#3	22.11	14.4	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.45	13.74	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.28	15.57	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.25	15.54	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.21	15.5	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.37	14.66	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.35	14.64	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.17	14.46	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.14	14.43	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.10	15.39	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.16	15.45	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.09	15.38	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.25	14.54	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.21	14.5	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.21	14.5	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.24	14.53	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.10	15.39	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.24	15.53	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.18	15.47	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.26	14.55	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.25	14.54	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.23	14.52	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.21	14.5	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.12	13.41	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.36	13.65	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.24	13.53	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.32	12.61	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.16	12.45	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.43	12.72	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.19	12.48	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.23	13.52	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.62	13.91	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.28	13.57	38.45	PASS



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Band5	3MHz	64QAM	20525	8RB#0	20.28	12.57	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.28	12.57	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.21	12.5	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.25	12.54	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.36	13.65	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.92	14.21	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.33	13.62	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.17	12.46	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.37	12.66	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.16	12.45	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.30	12.59	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.23	14.52	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.46	14.75	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.37	14.66	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.40	13.69	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.26	13.55	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.49	13.78	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.27	13.56	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.34	14.63	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.77	15.06	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.35	14.64	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.33	13.62	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.39	13.68	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.29	13.58	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.30	13.59	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.49	14.78	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.06	14.35	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.47	14.76	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.27	13.56	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.45	13.74	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.25	13.54	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.42	13.71	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.11	15.4	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#24	23.25	15.54	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.23	15.52	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.21	14.5	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.28	14.57	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.25	14.54	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.20	14.49	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.10	15.39	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.26	15.55	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.97	15.26	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.22	14.51	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.27	14.56	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.25	14.54	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.24	14.53	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.14	15.43	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.17	15.46	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.00	15.29	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.25	14.54	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.24	14.53	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.31	14.6	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.11	14.4	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.18	13.47	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.93	14.22	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.35	13.64	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.21	12.5	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.34	12.63	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.14	12.43	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.26	12.55	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.09	13.38	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.97	14.26	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	20.85	13.14	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.20	12.49	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.27	12.56	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.00	12.29	38.45	PASS



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Band5	5MHz	64QAM	20525	25RB#0	20.21	12.5	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.13	13.42	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.18	13.47	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.24	13.53	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.28	12.57	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.20	12.49	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.30	12.59	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.18	12.47	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.33	14.62	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.06	14.35	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.49	14.78	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.28	13.57	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.42	13.71	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.26	13.55	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.40	13.69	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.14	14.43	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.05	14.34	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.00	14.29	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.25	13.54	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.37	13.66	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.13	13.42	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.35	13.64	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.24	14.53	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.26	14.55	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.33	14.62	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.38	13.67	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.27	13.56	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.40	13.69	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.32	13.61	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.17	15.46	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.33	15.62	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.19	15.48	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.28	14.57	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#12	22.29	14.58	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.22	14.51	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.24	14.53	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.07	15.36	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.32	15.61	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.23	15.52	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.23	14.52	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.26	14.55	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.28	14.57	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.24	14.53	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.21	15.5	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.02	15.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.24	15.53	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.30	14.59	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.22	14.51	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.23	14.52	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.14	14.43	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.55	13.84	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.51	13.8	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.57	13.86	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.31	12.6	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.41	12.7	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.46	12.75	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.36	12.65	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.66	13.95	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.46	13.75	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.33	13.62	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.22	12.51	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.40	12.69	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.33	12.62	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.34	12.63	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.52	13.81	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.89	14.18	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#24	21.59	13.88	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.35	12.64	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.37	12.66	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.30	12.59	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.35	12.64	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.88	15.17	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.32	14.61	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.82	15.11	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.38	13.67	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.29	13.58	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.46	13.75	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.38	13.67	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.65	14.94	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.75	15.04	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.62	14.91	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.36	13.65	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.25	13.54	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.29	13.58	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.34	13.63	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.42	14.71	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.47	14.76	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.43	14.72	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.25	13.54	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.35	13.64	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.34	13.63	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.26	13.55	38.45	PASS

## 1.2. Test Result for Up Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#2	22.95	16.3	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.15	16.5	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	22.94	16.29	38.45	PASS



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Band5	1.4MHz	QPSK	20407	3RB#3	23.19	16.54	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.35	16.7	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.09	16.44	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.08	15.43	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.11	16.46	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.30	16.65	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.06	16.41	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.18	16.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.35	16.7	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.21	16.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.13	15.48	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.12	16.47	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.26	16.61	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.97	16.32	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.28	16.63	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.13	16.48	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.19	16.54	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.23	15.58	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.45	14.8	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.07	14.42	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.14	14.49	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	20.99	14.34	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.11	14.46	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	20.92	14.27	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.22	13.57	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.76	15.11	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.91	14.26	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.69	15.04	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.06	14.41	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	20.91	14.26	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	20.96	14.31	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.21	13.56	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.33	14.68	38.45	PASS



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Band5	1.4MHz	64QAM	20643	1RB#2	21.51	14.86	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.23	14.58	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.01	14.36	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.02	14.37	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.10	14.45	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.08	13.43	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.51	15.86	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.19	15.54	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.20	15.55	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.10	15.45	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.22	15.57	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.01	15.36	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.33	14.68	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.82	16.17	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.99	15.34	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.84	16.19	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.21	15.56	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.07	15.42	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.12	15.47	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.29	14.64	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.40	15.75	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.61	15.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.33	15.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.16	15.51	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.14	15.49	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.22	15.57	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.24	14.59	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.08	16.43	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.36	16.71	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.13	16.48	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.20	15.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.20	15.55	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.18	15.53	38.45	PASS



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Band5	3MHz	QPSK	20415	15RB#0	22.15	15.5	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.08	16.43	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.32	16.67	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.18	16.53	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.19	15.54	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.15	15.5	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.14	15.49	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.10	15.45	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.01	16.36	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.27	16.62	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.09	16.44	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.30	15.65	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.24	15.59	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.24	15.59	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.18	15.53	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.12	14.47	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.55	14.9	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.25	14.6	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	20.15	13.5	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.20	13.55	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.30	13.65	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.20	13.55	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.25	14.6	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.58	14.93	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.02	14.37	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.21	13.56	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.15	13.5	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.13	13.48	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.07	13.42	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.10	14.45	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.46	14.81	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.22	14.57	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.16	13.51	38.45	PASS



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Band5	3MHz	64QAM	20635	8RB#4	20.21	13.56	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.14	13.49	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.20	13.55	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.28	15.63	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.66	16.01	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.33	15.68	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.22	14.57	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.30	14.65	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.36	14.71	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.33	14.68	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.34	15.69	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.66	16.01	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.08	15.43	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.35	14.7	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.29	14.64	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.26	14.61	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.18	14.53	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.25	15.6	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.58	15.93	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.36	15.71	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.23	14.58	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.37	14.72	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.29	14.64	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.28	14.63	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.90	16.25	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.27	16.62	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.00	16.35	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.15	15.5	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.25	15.6	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.16	15.51	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.09	15.44	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.96	16.31	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.17	16.52	38.45	PASS



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Band5	5MHz	QPSK	20525	1RB#24	22.96	16.31	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.19	15.54	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.31	15.66	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.17	15.52	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.06	15.41	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.02	16.37	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.15	16.5	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.08	16.43	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.24	15.59	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.28	15.63	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.23	15.58	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.11	15.46	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.00	14.35	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.70	15.05	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.40	14.75	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.08	13.43	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.05	13.4	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.09	13.44	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.09	13.44	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.40	14.75	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.35	14.7	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.07	14.42	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.01	13.36	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.10	13.45	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.03	13.38	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.12	13.47	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.17	14.52	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.22	14.57	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	20.77	14.12	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.13	13.48	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.30	13.65	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.16	13.51	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.03	13.38	38.45	PASS



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Band5	5MHz	16QAM	20425	1RB#0	22.13	15.48	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.79	16.14	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.55	15.9	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.18	14.53	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.21	14.56	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.25	14.6	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.25	14.6	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.49	15.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.49	15.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.23	15.58	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.17	14.52	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.19	14.54	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.17	14.52	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.26	14.61	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.27	15.62	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.28	15.63	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.90	15.25	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.28	14.63	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.44	14.79	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.31	14.66	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.09	14.44	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.17	16.52	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.29	16.64	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.01	16.36	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.21	15.56	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.17	15.52	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.23	15.58	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.23	15.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.13	16.48	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.31	16.66	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.10	16.45	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.19	15.54	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.19	15.54	38.45	PASS



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Band5	10MHz	QPSK	20525	25RB#12	22.24	15.59	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.19	15.54	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.22	16.57	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.24	16.59	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.97	16.32	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.18	15.53	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.21	15.56	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.19	15.54	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.26	15.61	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.43	14.78	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.17	14.52	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.30	14.65	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.31	13.66	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.20	13.55	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.28	13.63	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.30	13.65	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.22	14.57	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.54	14.89	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.37	14.72	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.30	13.65	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.24	13.59	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.23	13.58	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.28	13.63	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.39	14.74	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.62	14.97	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.38	14.73	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.30	13.65	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.29	13.64	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.25	13.6	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.25	13.6	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.36	15.71	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.51	15.86	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.74	16.09	38.45	PASS



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Band5	10MHz	16QAM	20450	25RB#25	21.31	14.66	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.31	14.66	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.12	14.47	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.32	14.67	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.10	15.45	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.90	16.25	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.87	16.22	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.29	14.64	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.31	14.66	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.35	14.7	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.28	14.63	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.72	16.07	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.69	16.04	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.26	15.61	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.24	14.59	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.25	14.6	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.21	14.56	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.23	14.58	38.45	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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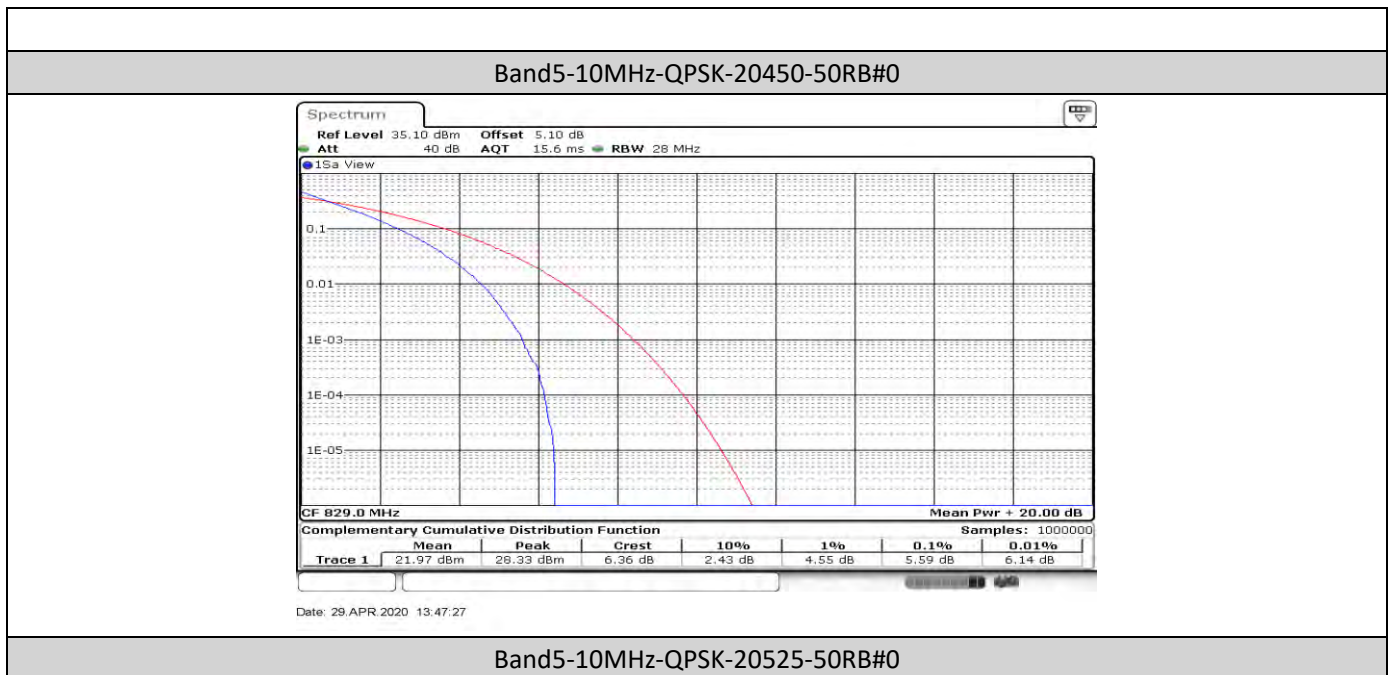


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.59	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.22	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.54	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.67	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.43	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.67	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.35	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.14	13	PASS

### 2.2. Test Plots



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Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-64QAM-20450-50RB#0



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Date: 29.APR.2020 13:47:59

Band5-10MHz-64QAM-20525-50RB#0



Date: 29.APR.2020 13:48:46

Band5-10MHz-64QAM-20600-50RB#0

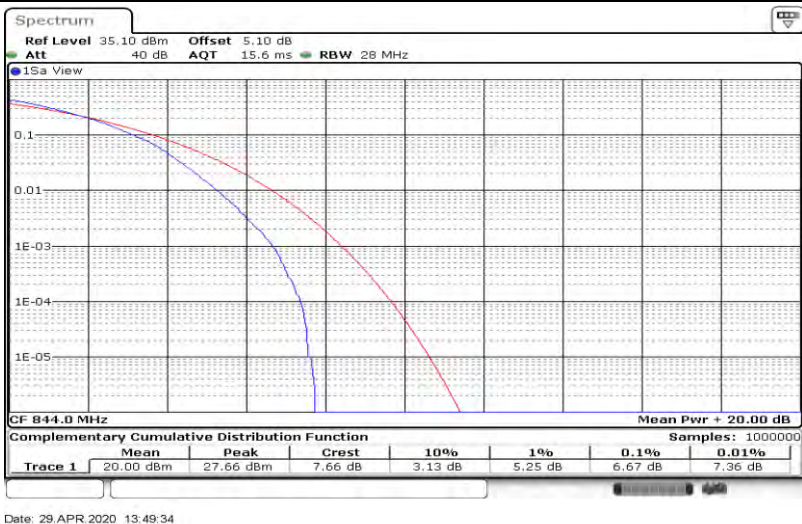


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Date: 29.APR.2020 13:49:34

**Band5-10MHz-16QAM-20450-50RB#0**



Date: 29.APR.2020 13:47:43

**Band5-10MHz-16QAM-20525-50RB#0**



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Band5-10MHz-16QAM-20600-50RB#0



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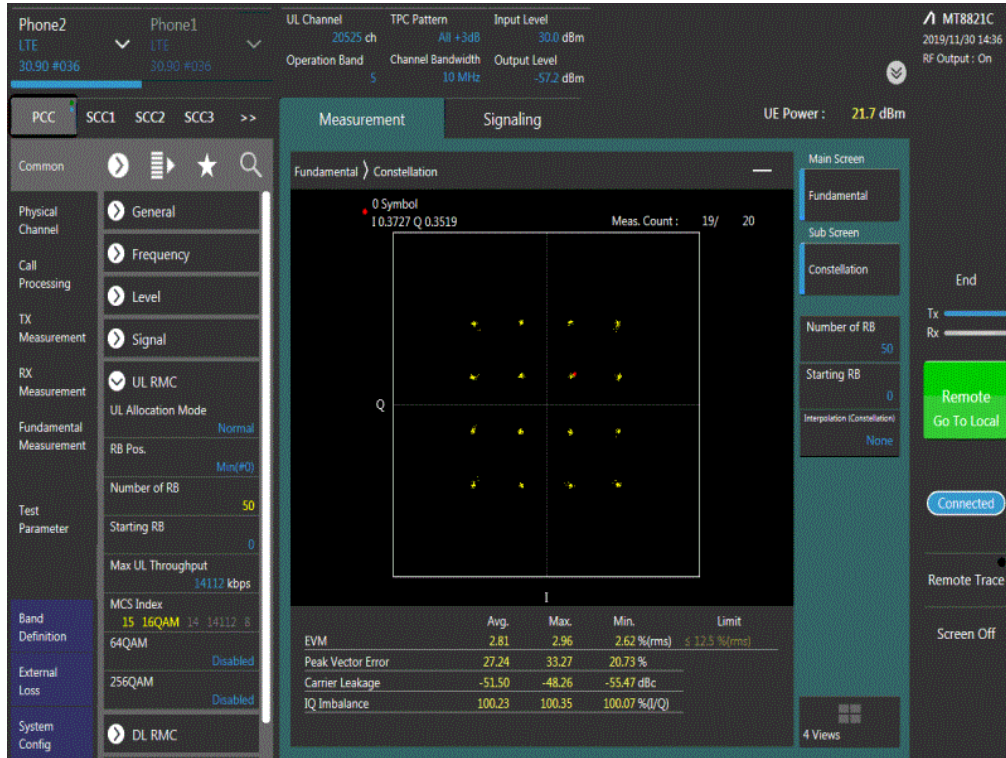






### 3.2. Test Mode = LTE /TM2 10MHz

#### 3.2.1. Test Channel = MCH



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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.281	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.278	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.281	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.091	1.284	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.091	1.278	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.091	1.269	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.287	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.290	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.296	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.679	2.886	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.685	2.874	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	2.892	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	2.856	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.685	2.886	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.679	2.856	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.673	2.880	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.679	2.880	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.868	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.720	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.730	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.760	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.466	4.760	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.486	4.760	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.740	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.740	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.486	4.740	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.476	4.740	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.971	9.400	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.971	9.500	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.951	9.500	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.252	8.520	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.931	9.360	PASS



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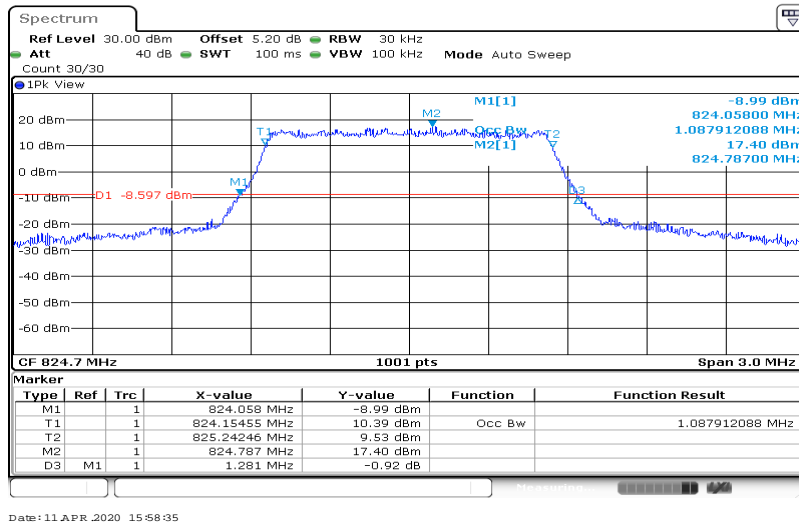
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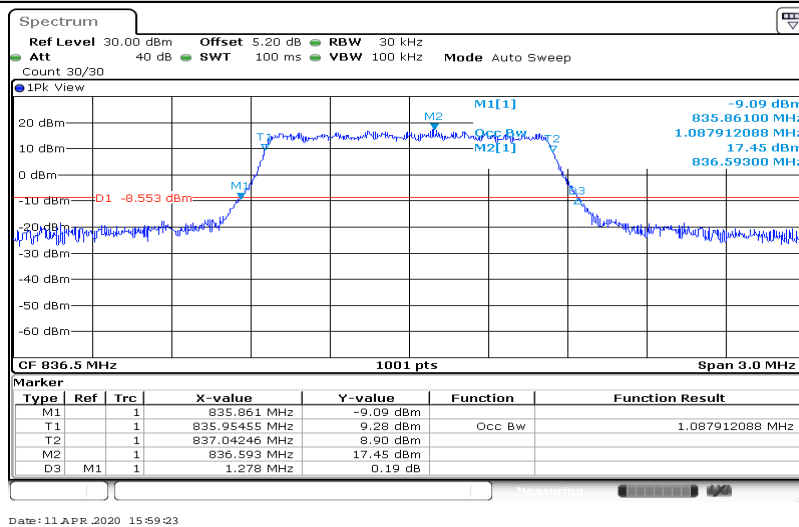
Band5	10MHz	64QAM	20600	50RB#0	8.951	9.380	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.971	9.380	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.951	9.440	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.400	PASS

## 4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.088



Band5-1.4MHz-QPSK-20525-6RB#0-1.088



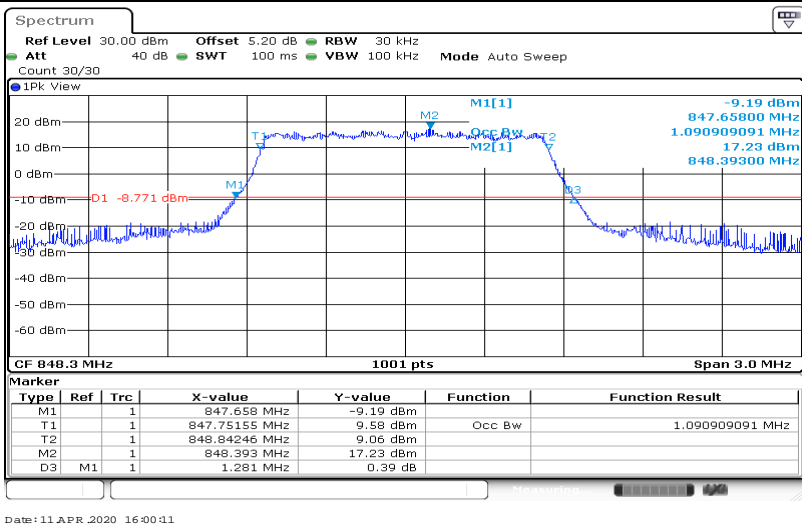
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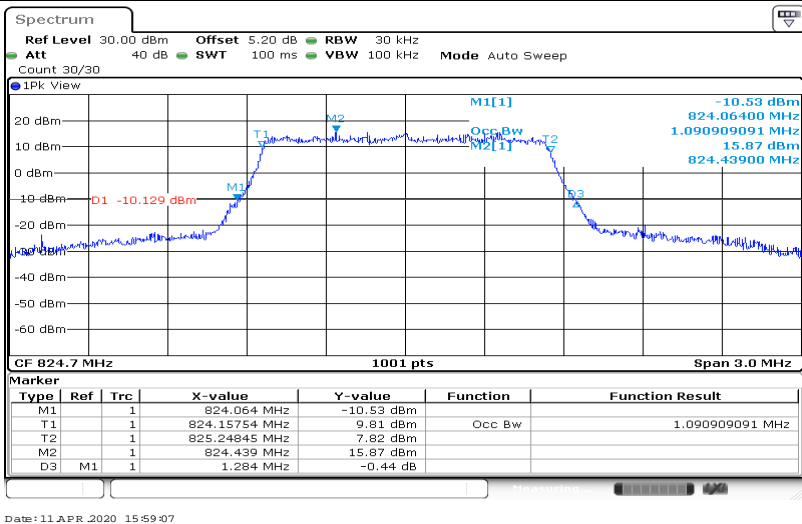
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Band5-1.4MHz-64QAM-20407-6RB#0-1.091



Band5-1.4MHz-64QAM-20525-6RB#0-1.091

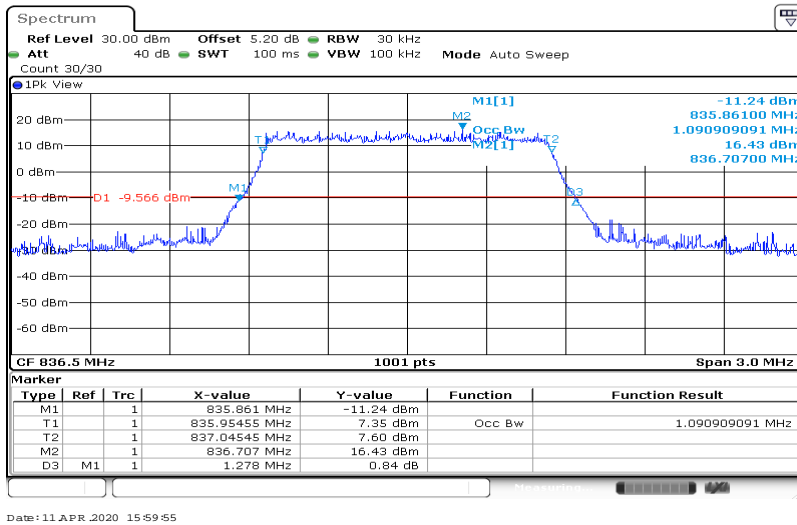


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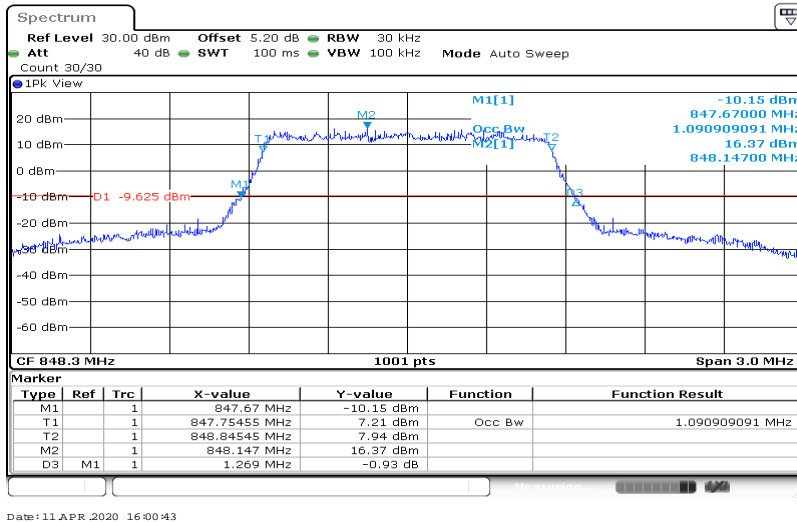
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Band5-1.4MHz-64QAM-20643-6RB#0-1.091



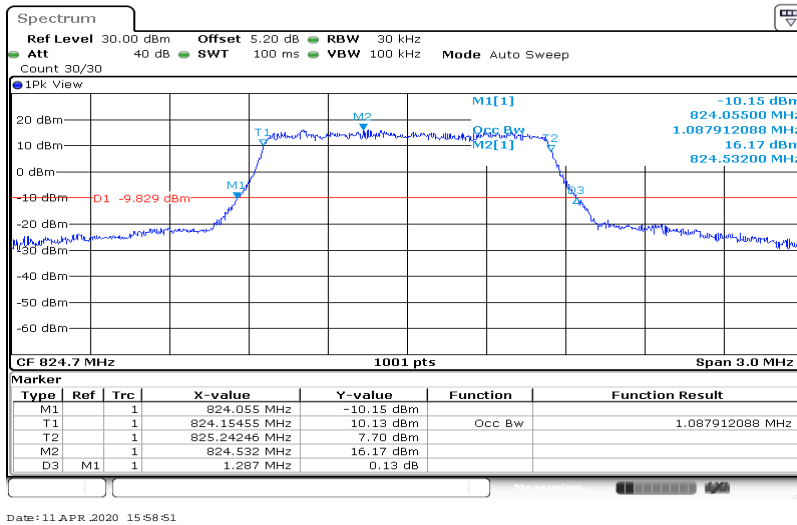
Band5-1.4MHz-16QAM-20407-6RB#0-1.088



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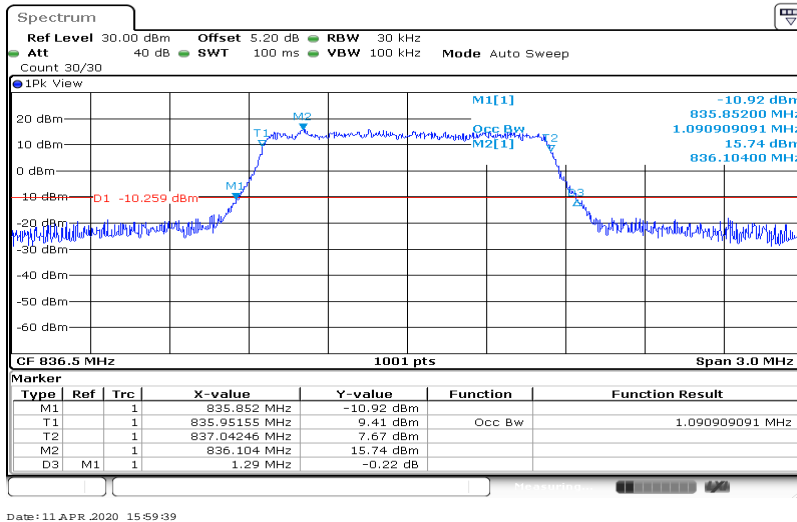
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Date: 11 APR 2020 15:58:51

Band5-1.4MHz-16QAM-20525-6RB#0-1.091

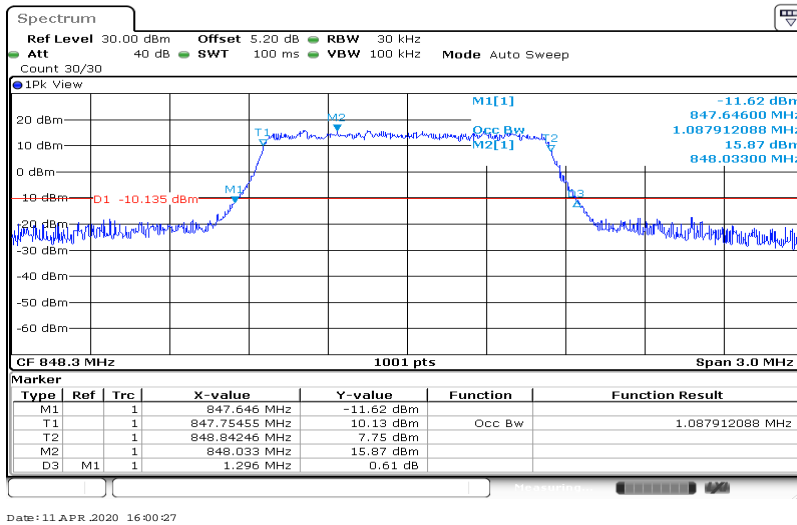


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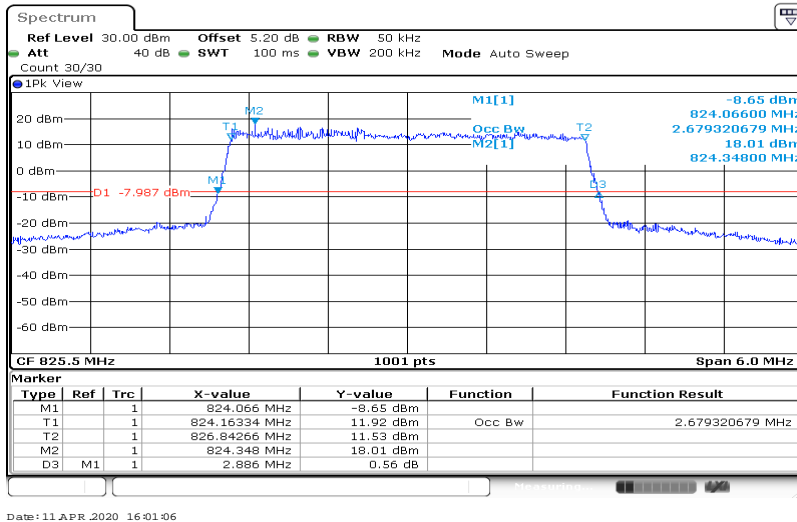


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Date: 11 APR 2020 16:00:27

Band5-3MHz-QPSK-20415-15RB#0-2.679



Date: 11 APR 2020 16:01:06

Band5-3MHz-QPSK-20525-15RB#0-2.685

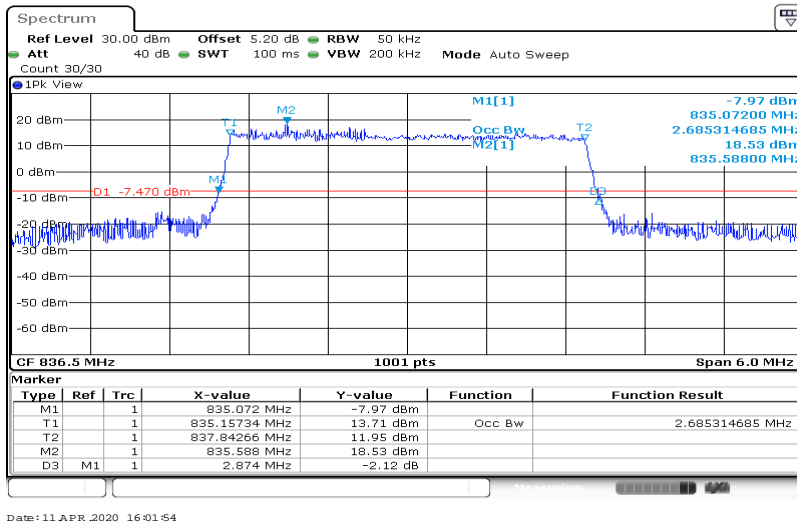


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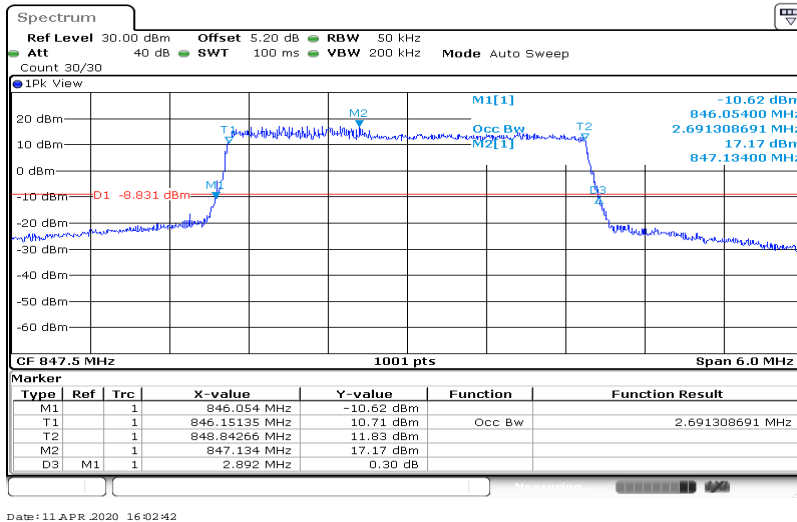
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Date: 11 APR 2020 16:01:54

**Band5-3MHz-QPSK-20635-15RB#0-2.691**

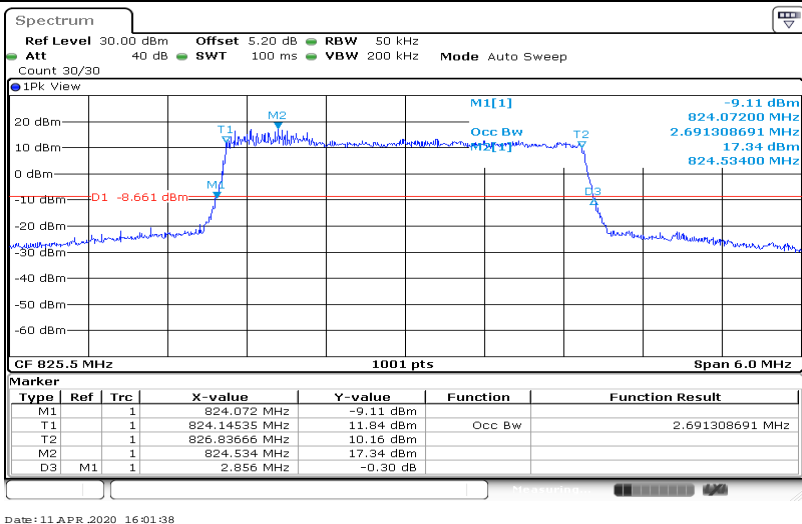


Date: 11 APR 2020 16:02:42

**Band5-3MHz-64QAM-20415-15RB#0-2.691**

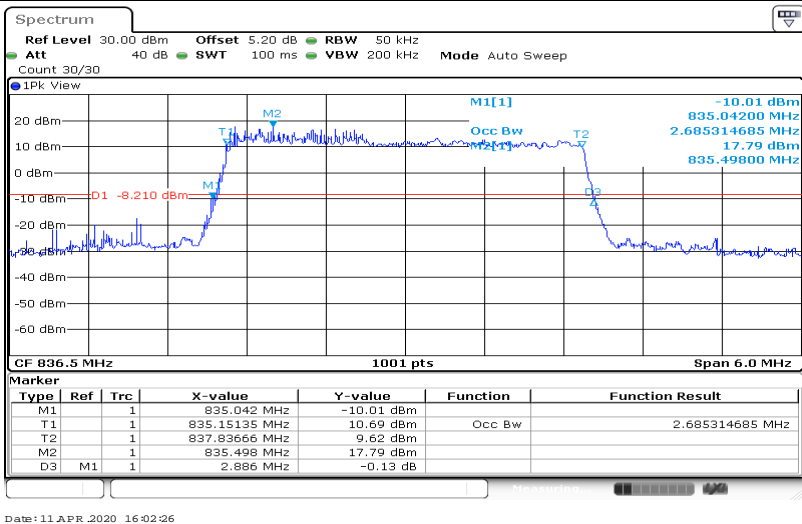


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Date: 11 APR 2020 16:01:38

Band5-3MHz-64QAM-20525-15RB#0-2.685



Date: 11 APR 2020 16:02:26

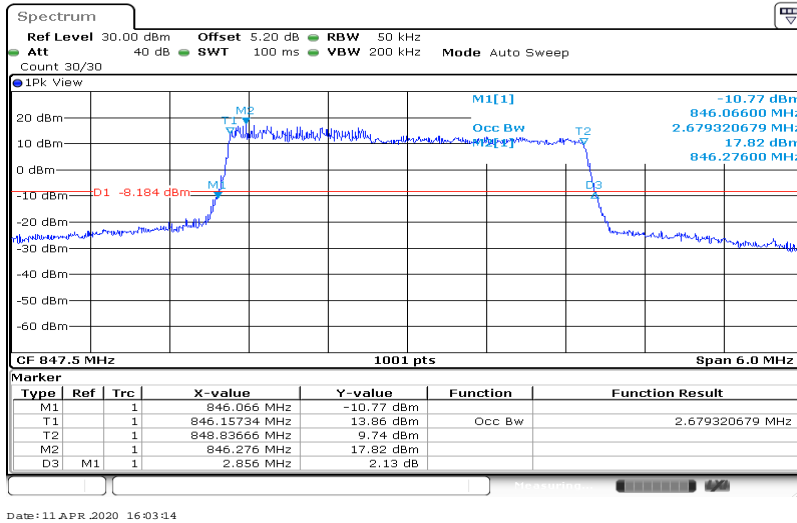
Band5-3MHz-64QAM-20635-15RB#0-2.679



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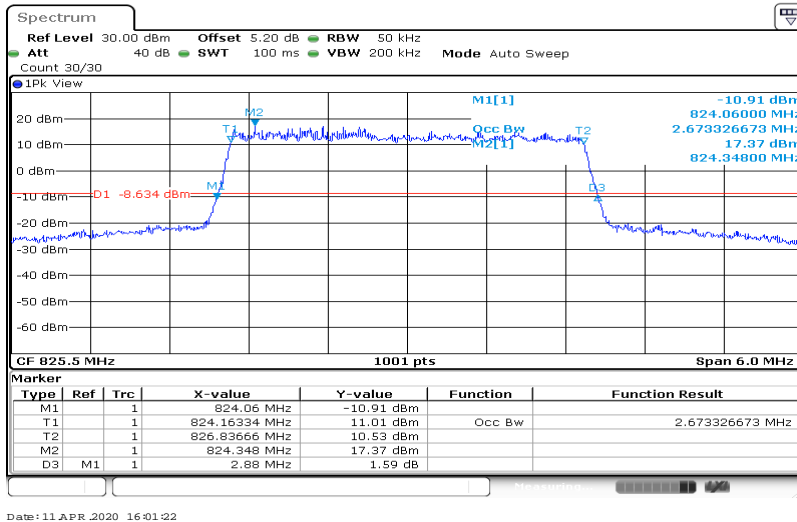
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Date: 11 APR 2020 16:03:14

Band5-3MHz-16QAM-20415-15RB#0-2.673



Date: 11 APR 2020 16:01:22

Band5-3MHz-16QAM-20525-15RB#0-2.679

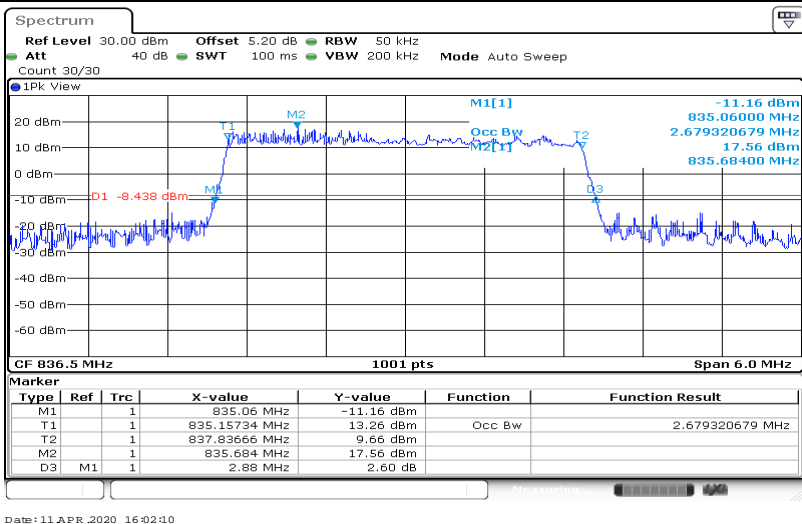


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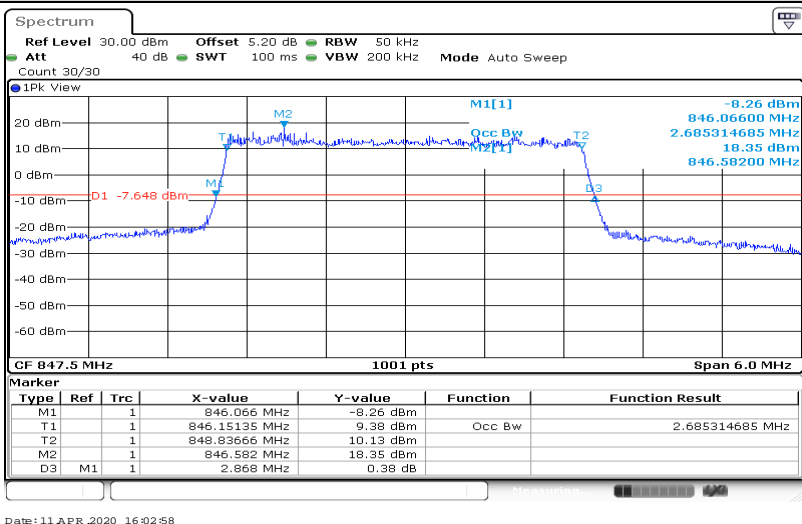
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Date: 11 APR 2020 16:02:10

Band5-3MHz-16QAM-20635-15RB#0-2.685



Date: 11 APR 2020 16:02:58

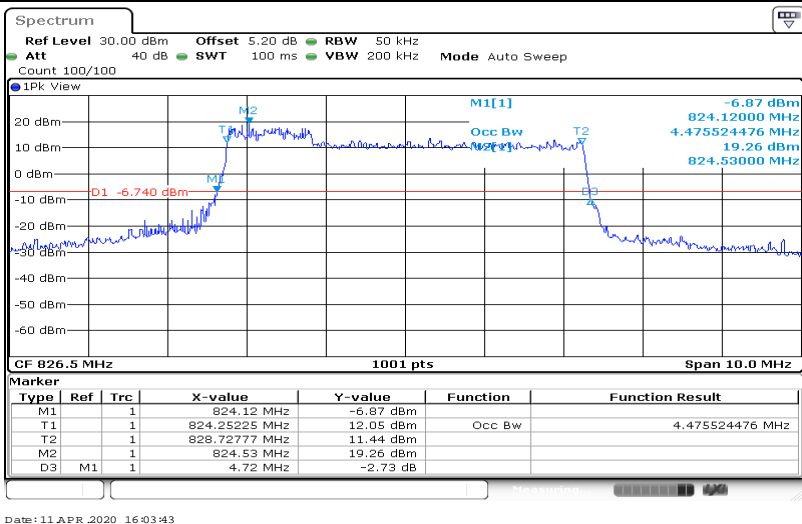
Band5-5MHz-QPSK-20425-25RB#0-4.476



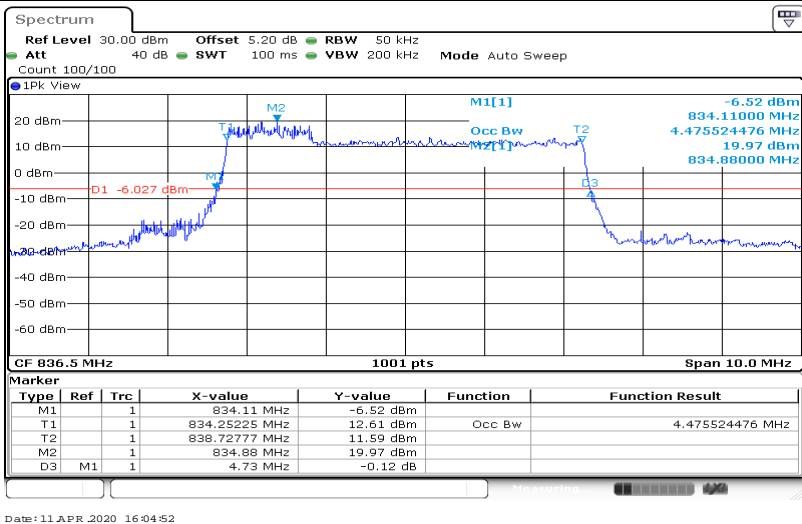
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Band5-5MHz-QPSK-20525-25RB#0-4.476



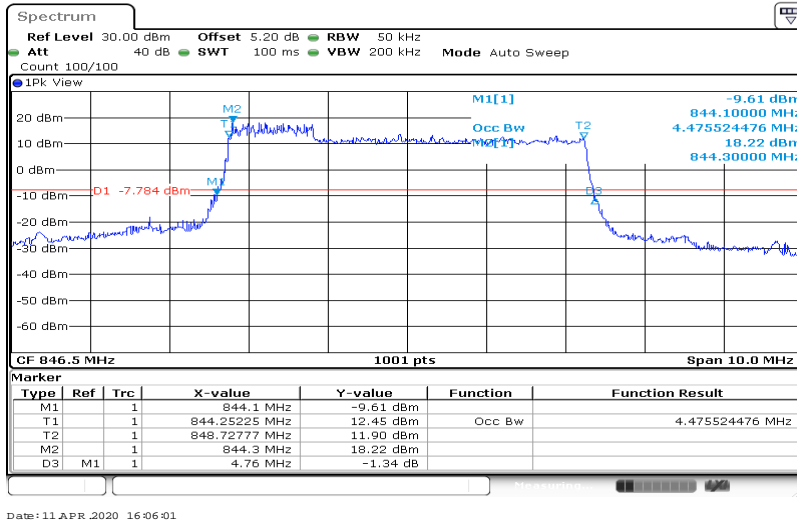
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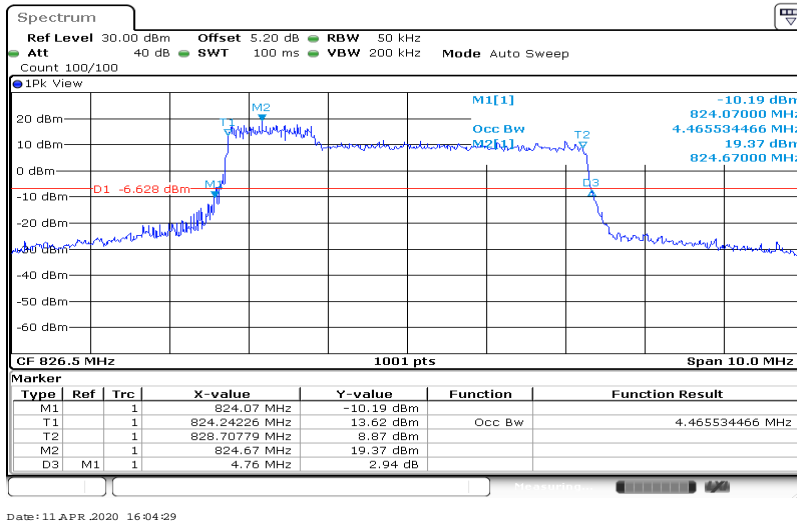
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Band5-5MHz-64QAM-20425-25RB#0-4.466



Band5-5MHz-64QAM-20525-25RB#0-4.486

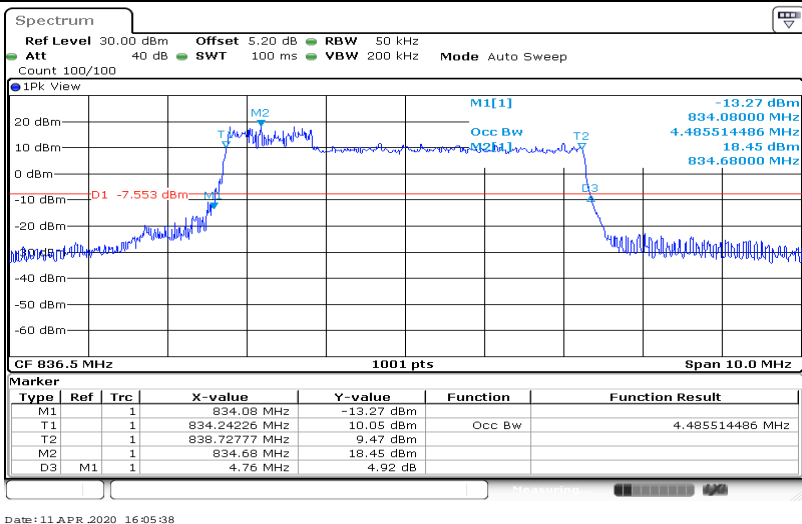


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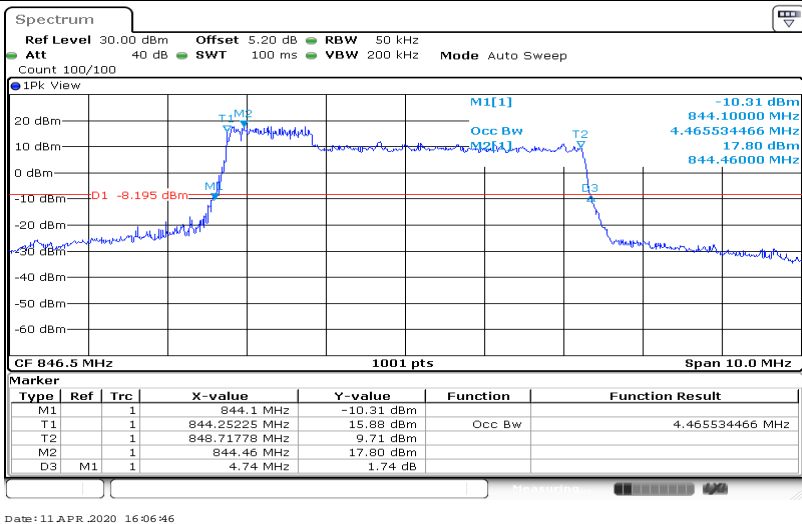
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Date: 11 APR 2020 16:05:38

Band5-5MHz-64QAM-20625-25RB#0-4.466



Date: 11 APR 2020 16:06:46

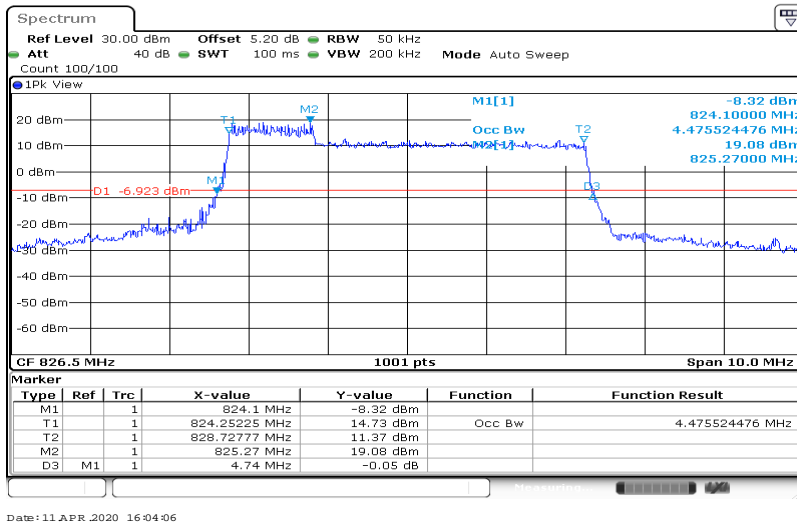
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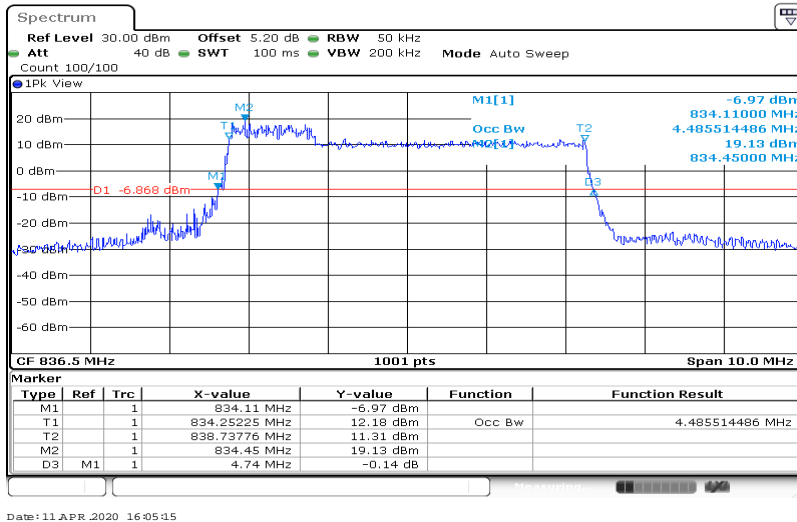
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Band5-5MHz-16QAM-20525-25RB#0-4.486



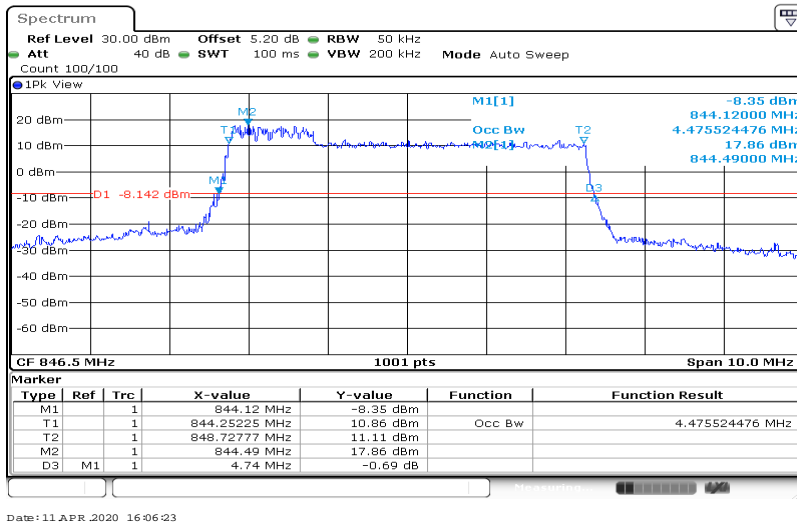
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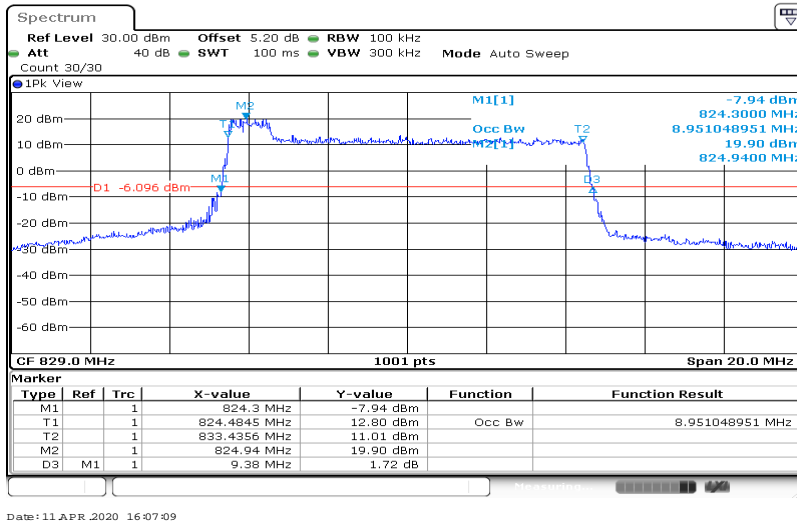
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Band5-10MHz-QPSK-20450-50RB#0-8.951



Date: 11 APR 2020 16:07:09

Band5-10MHz-QPSK-20525-50RB#0-8.971

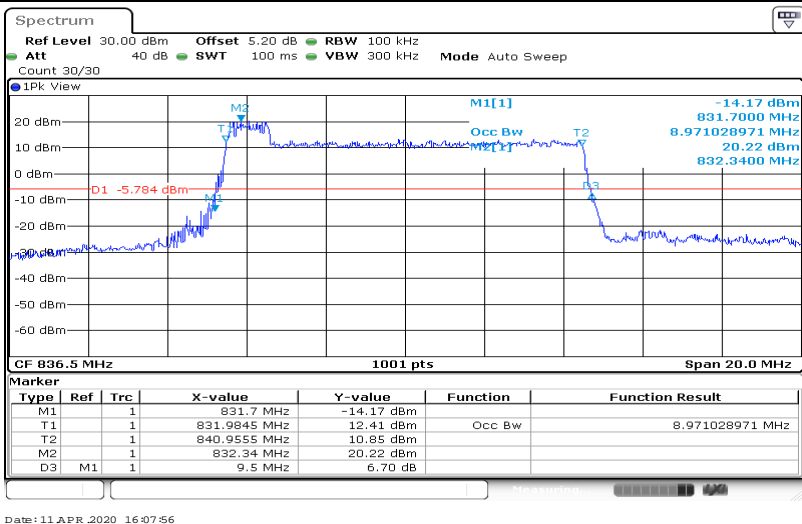


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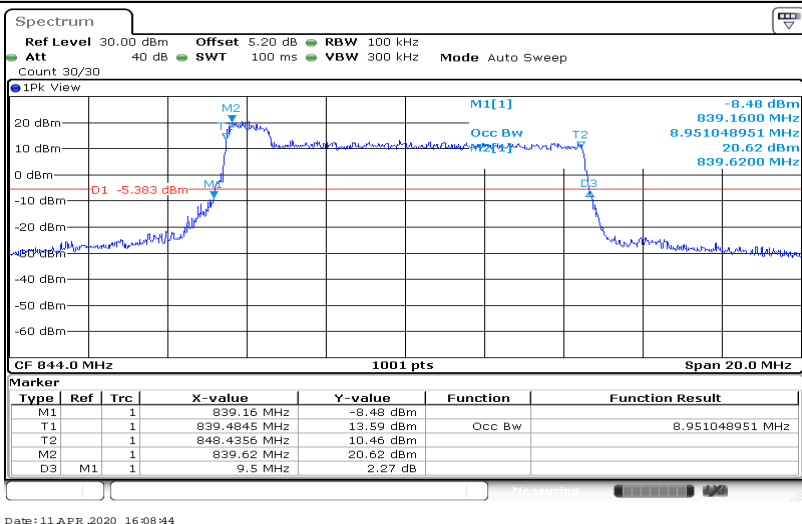
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Band5-10MHz-QPSK-20600-50RB#0-8.951



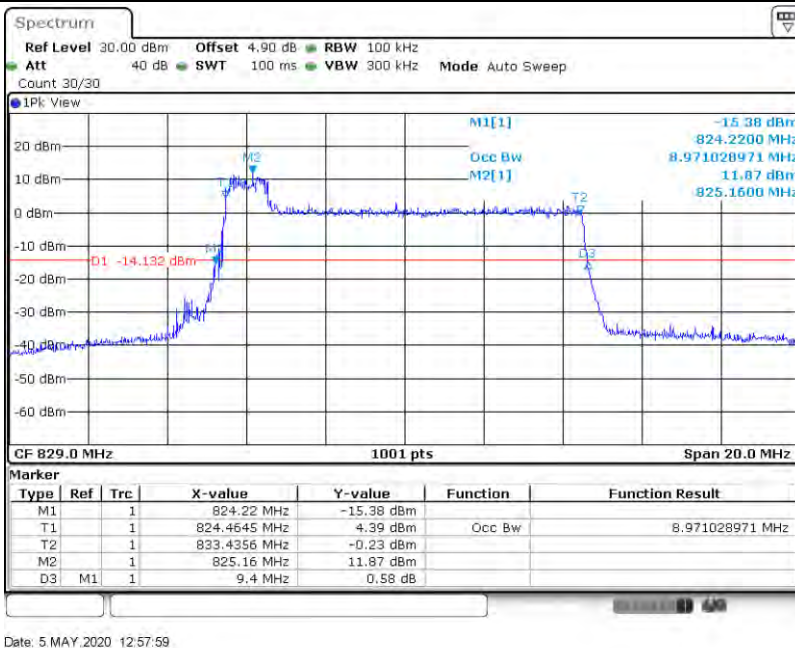
Band5-10MHz-64QAM-20450-50RB#0-8.252



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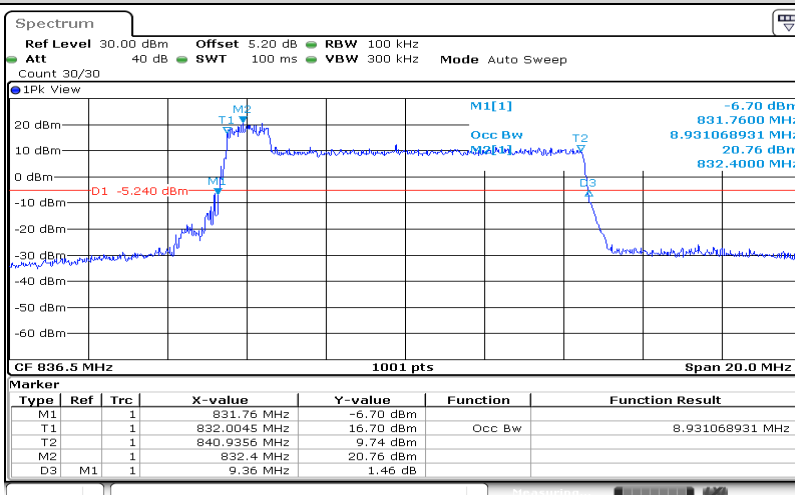
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Date: 5 MAY 2020 12:57:59

Band5-10MHz-64QAM-20525-50RB#0-8.931



Date: 11 APR 2020 16:08:28

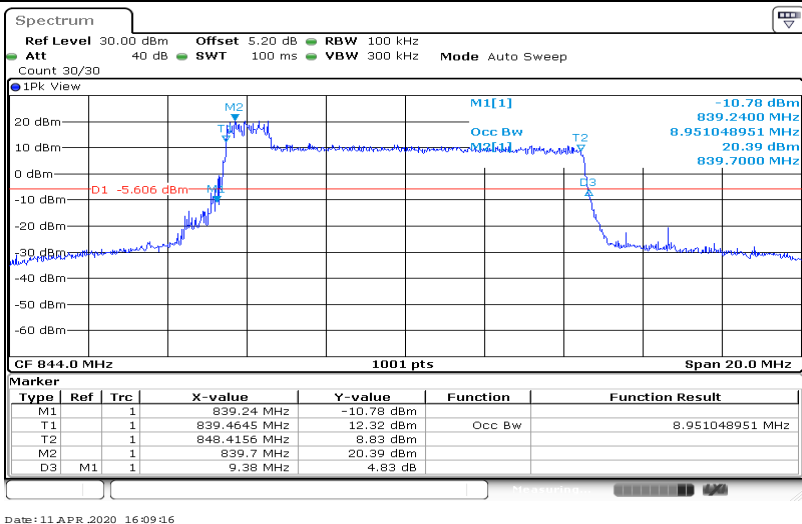
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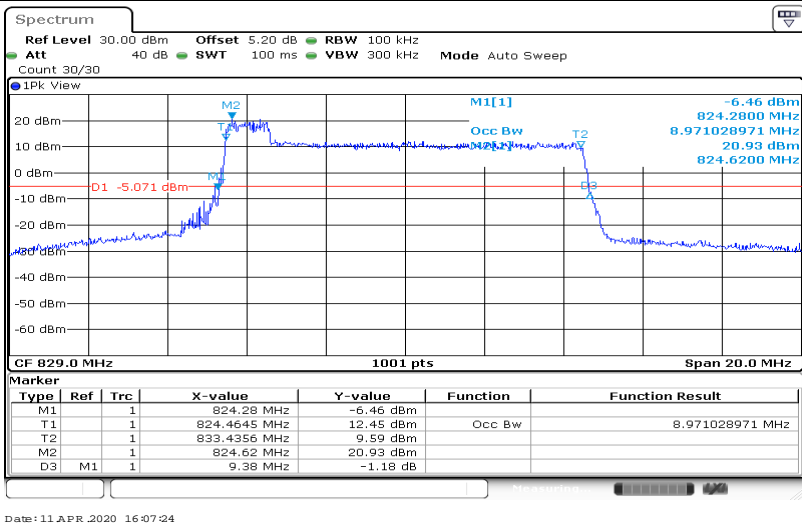
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Date: 11 APR 2020 16:07:24

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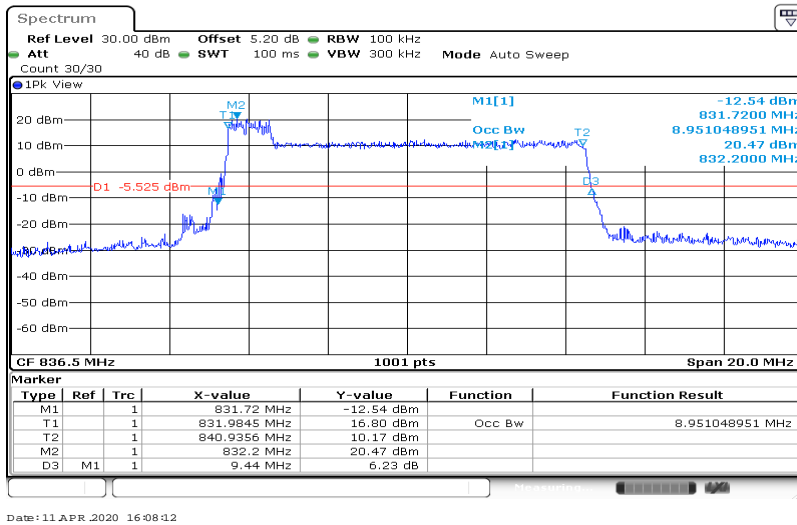


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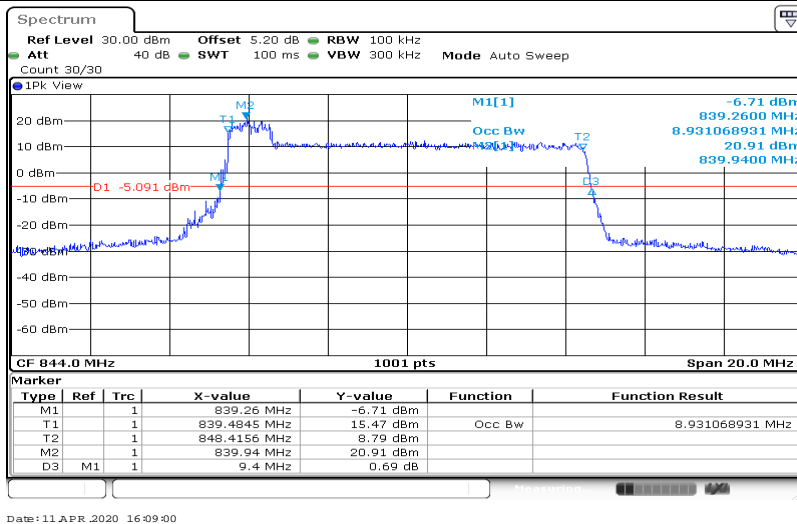
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Band5-10MHz-16QAM-20600-50RB#0-8.931



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## 5. Band Edge Compliance

### 5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-22.32	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-27.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-19.98	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.14	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-24.68	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-29.61	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-23.04	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-29.50	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-22.88	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.21	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-20.87	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.34	PASS
Band5	3MHz	QPSK	20415	1RB#0	-22.96	PASS
Band5	3MHz	QPSK	20415	15RB#0	-31.08	PASS
Band5	3MHz	QPSK	20635	1RB#14	-20.23	PASS
Band5	3MHz	QPSK	20635	15RB#0	-32.57	PASS
Band5	3MHz	64QAM	20415	1RB#0	-25.52	PASS
Band5	3MHz	64QAM	20415	15RB#0	-32.00	PASS
Band5	3MHz	64QAM	20635	1RB#14	-25.54	PASS
Band5	3MHz	64QAM	20635	15RB#0	-33.39	PASS
Band5	3MHz	16QAM	20415	1RB#0	-23.19	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.58	PASS
Band5	3MHz	16QAM	20635	1RB#14	-21.78	PASS
Band5	3MHz	16QAM	20635	15RB#0	-32.50	PASS
Band5	5MHz	QPSK	20425	1RB#0	-21.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	-28.50	PASS
Band5	5MHz	QPSK	20625	1RB#24	-23.05	PASS
Band5	5MHz	QPSK	20625	25RB#0	-31.52	PASS
Band5	5MHz	64QAM	20425	1RB#0	-23.03	PASS
Band5	5MHz	64QAM	20425	25RB#0	-31.55	PASS
Band5	5MHz	64QAM	20625	1RB#24	-24.22	PASS
Band5	5MHz	64QAM	20625	25RB#0	-33.93	PASS
Band5	5MHz	16QAM	20425	1RB#0	-22.02	PASS



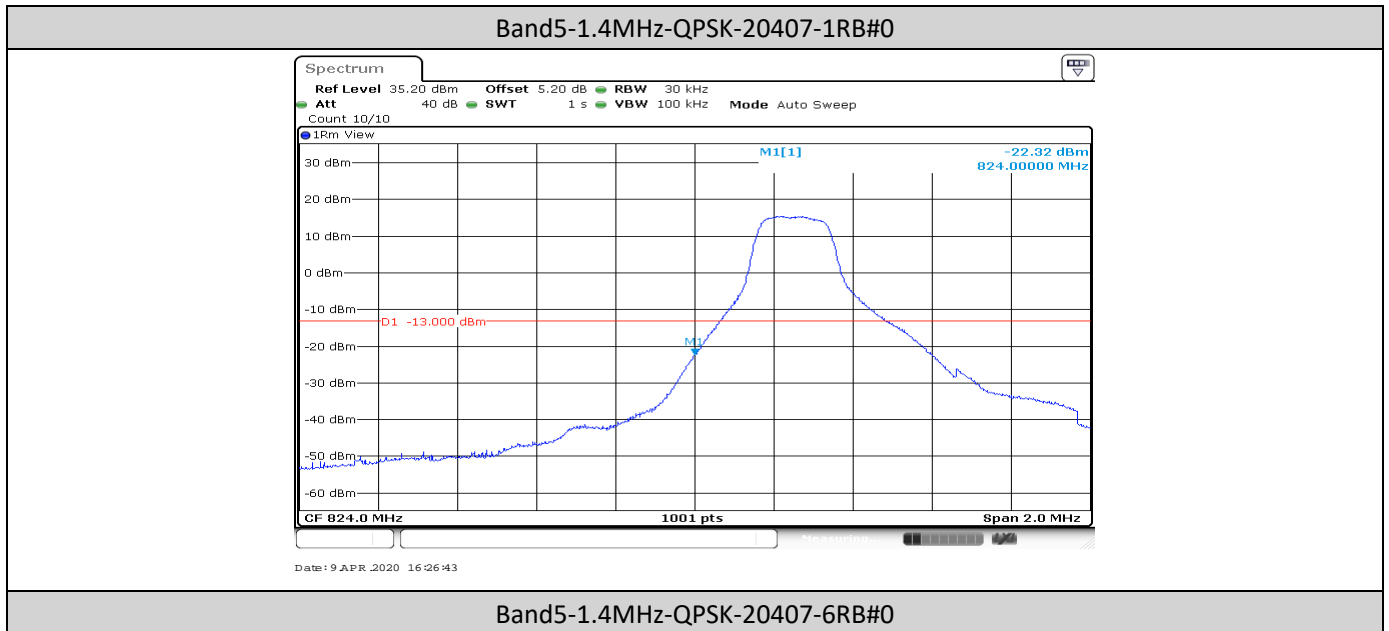
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Band5	5MHz	16QAM	20425	25RB#0	-29.50	PASS
Band5	5MHz	16QAM	20625	1RB#24	-20.91	PASS
Band5	5MHz	16QAM	20625	25RB#0	-32.24	PASS
Band5	10MHz	QPSK	20450	1RB#0	-22.92	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.20	PASS
Band5	10MHz	QPSK	20600	1RB#49	-23.11	PASS
Band5	10MHz	QPSK	20600	50RB#0	-34.81	PASS
Band5	10MHz	64QAM	20450	1RB#0	-22.84	PASS
Band5	10MHz	64QAM	20450	50RB#0	-32.32	PASS
Band5	10MHz	64QAM	20600	1RB#49	-26.92	PASS
Band5	10MHz	64QAM	20600	50RB#0	-35.16	PASS
Band5	10MHz	16QAM	20450	1RB#0	-22.41	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.19	PASS
Band5	10MHz	16QAM	20600	1RB#49	-26.57	PASS
Band5	10MHz	16QAM	20600	50RB#0	-34.24	PASS

## 5.2. Test Plots



Band5-1.4MHz-QPSK-20407-6RB#0

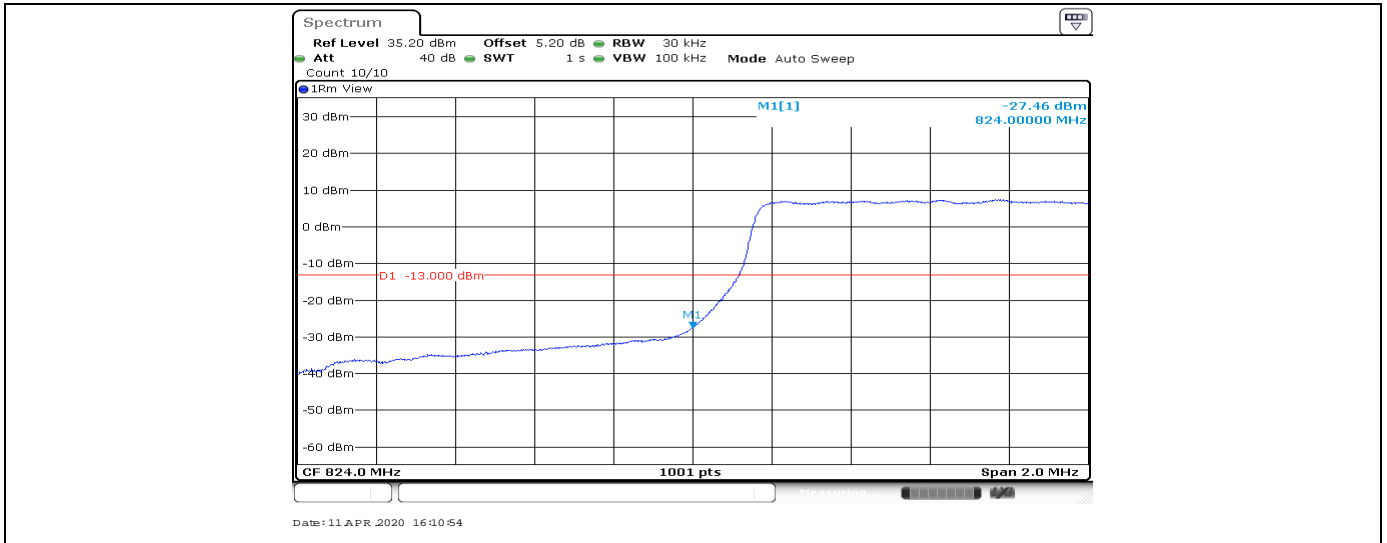


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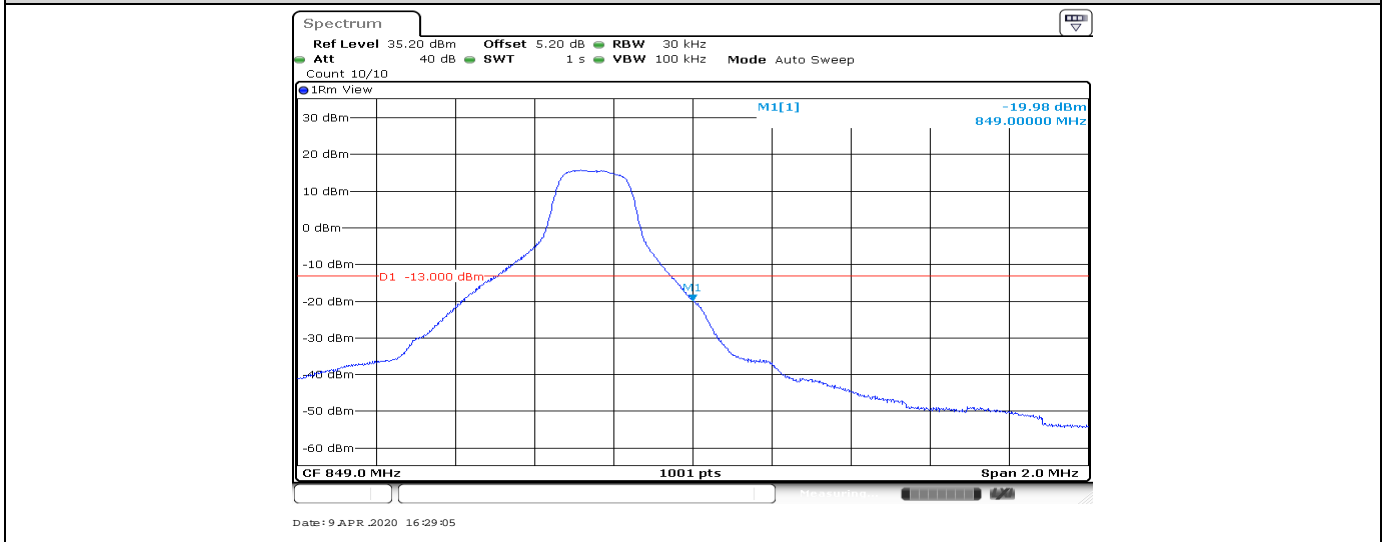
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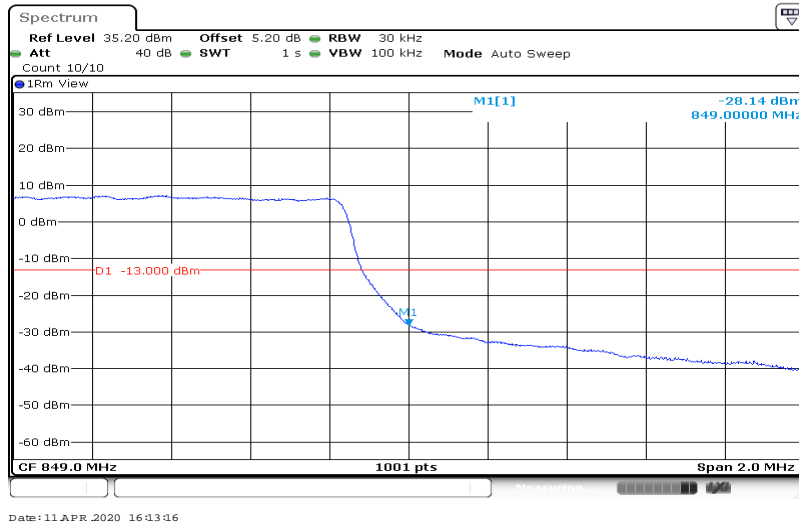
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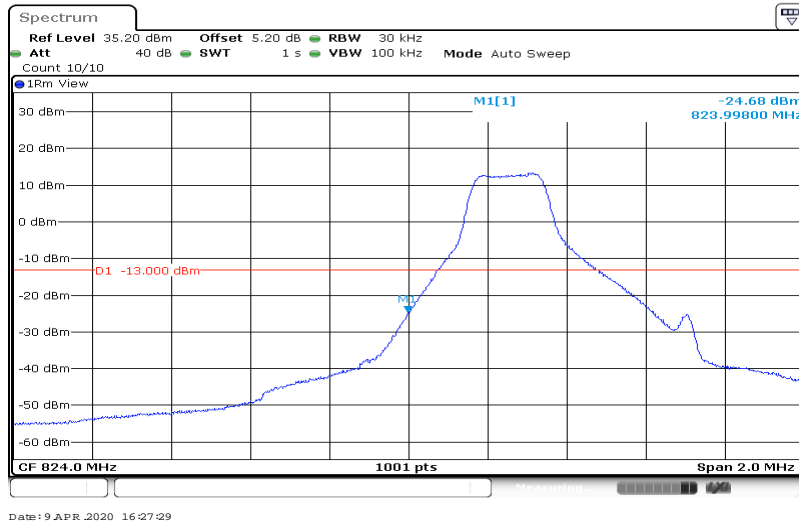
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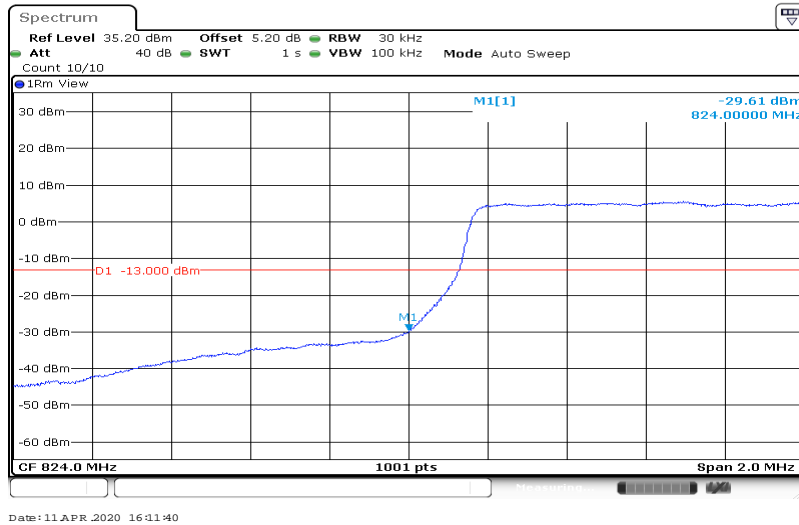
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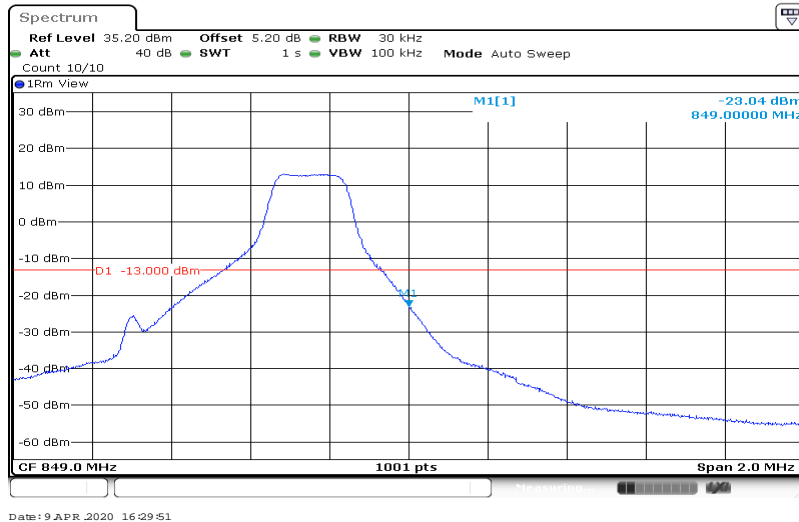
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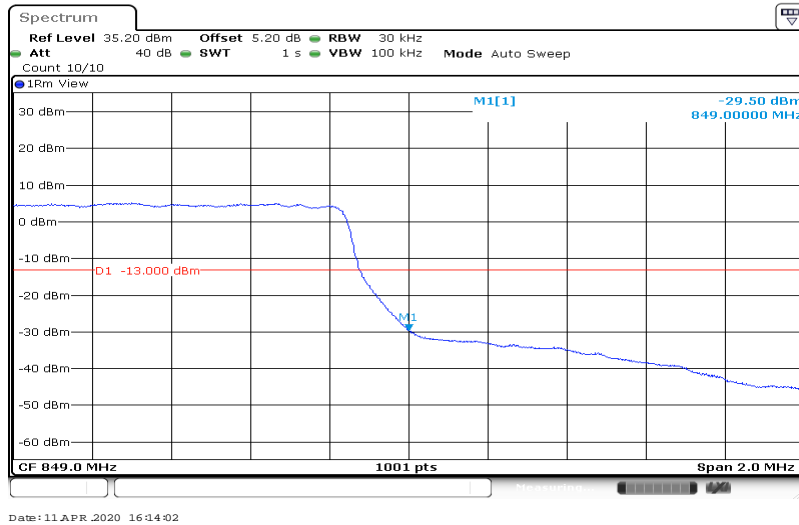


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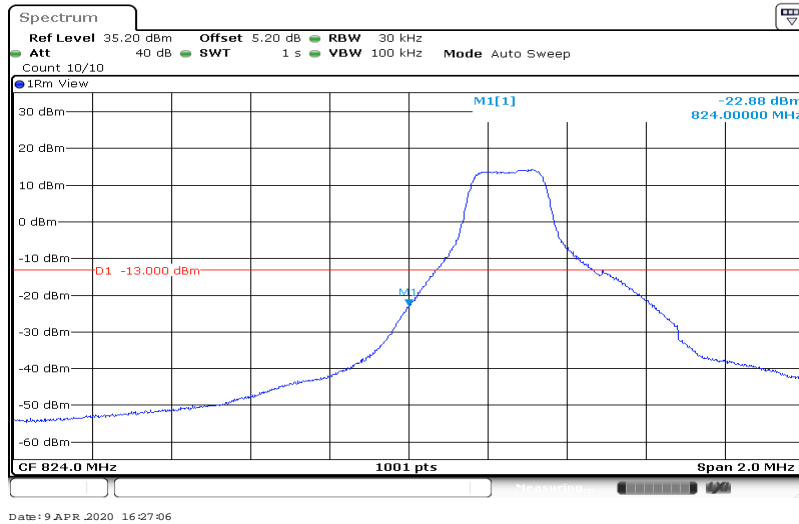
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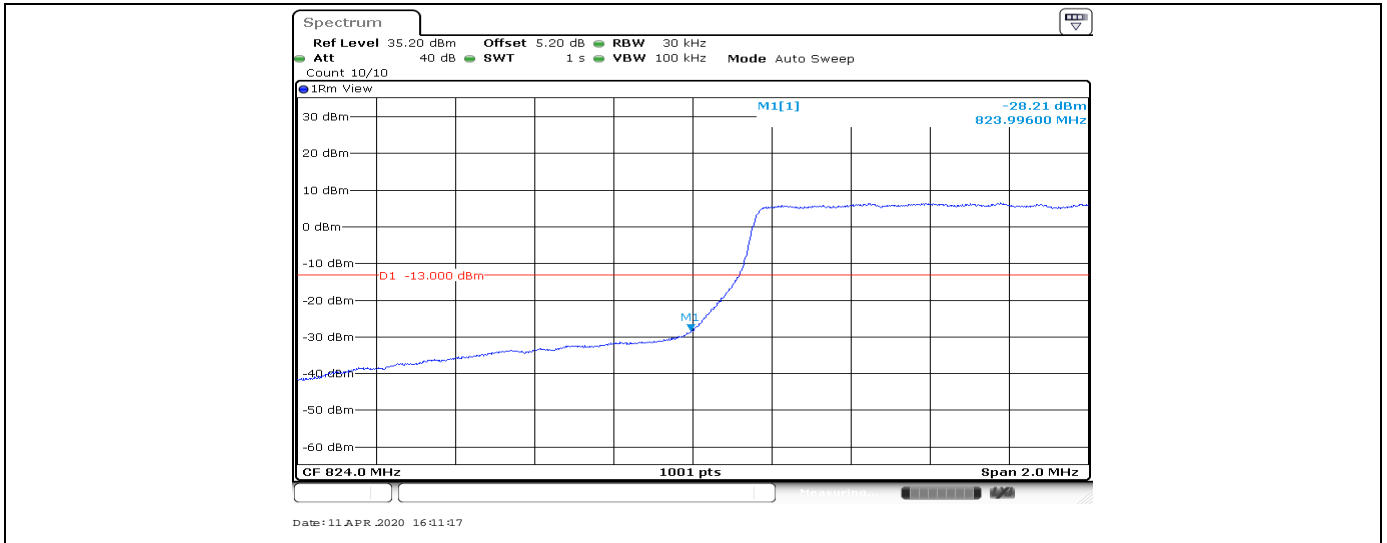
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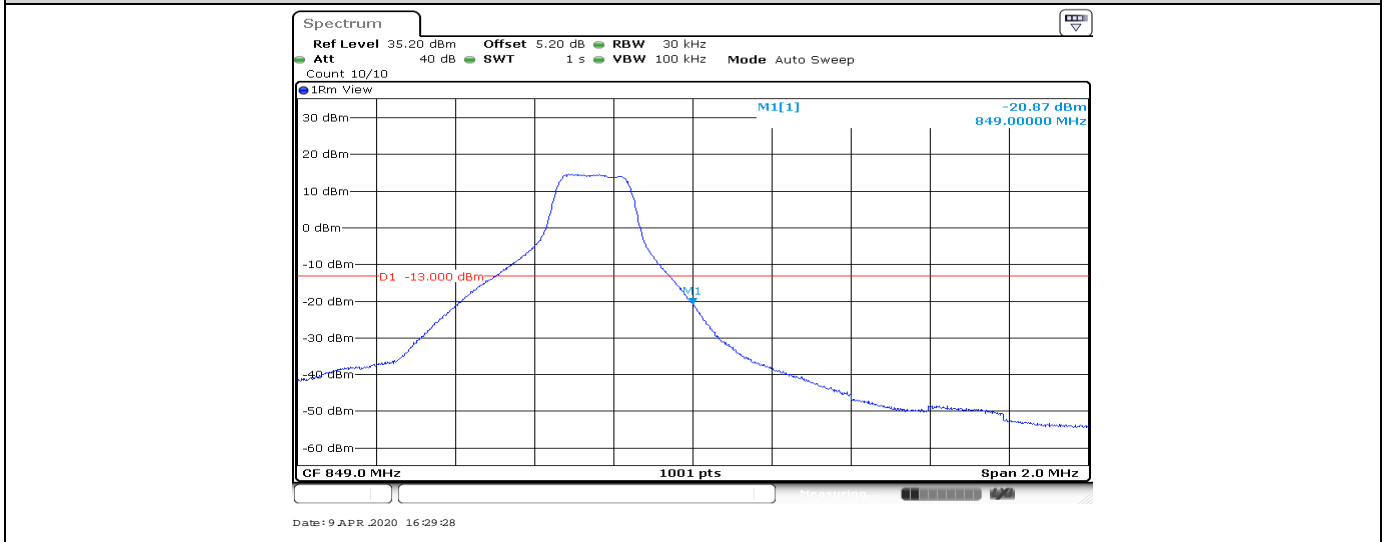
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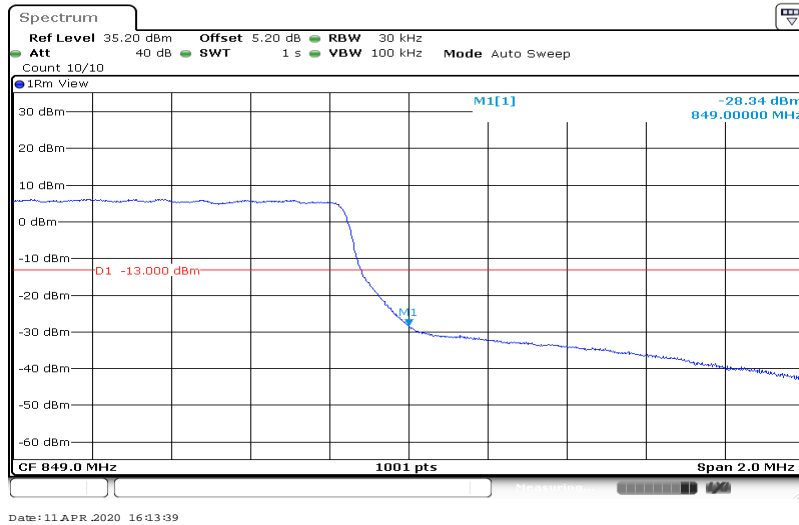
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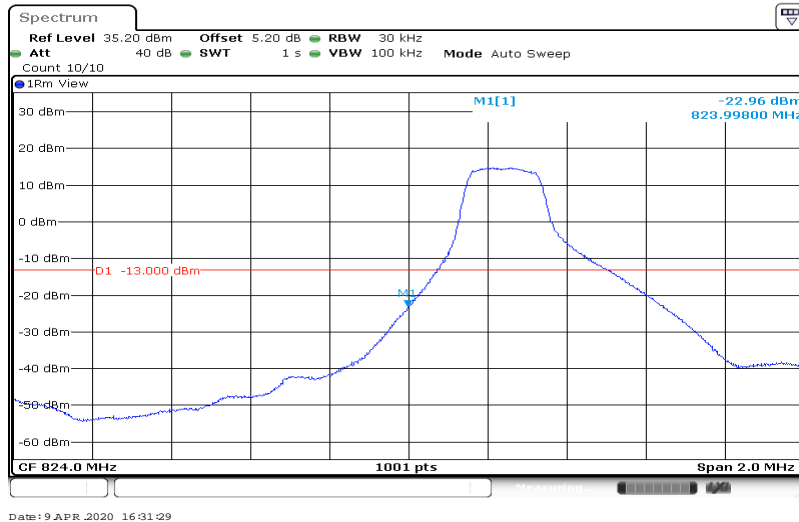
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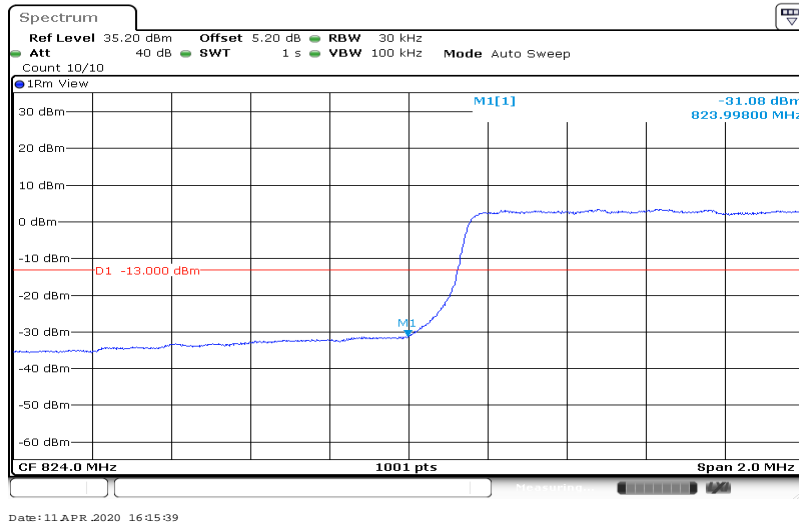


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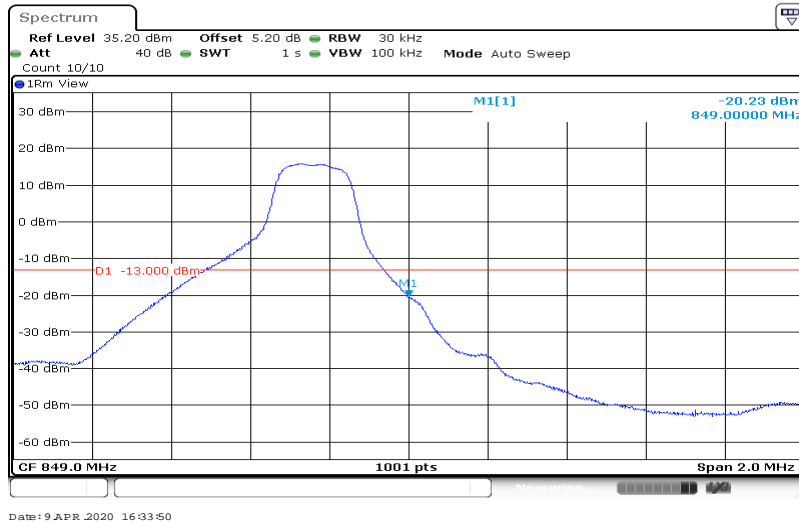


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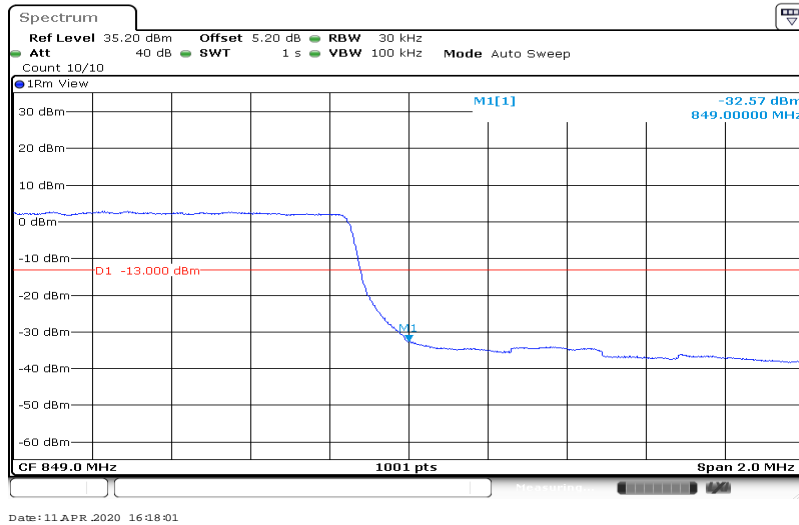
Band5-3MHz-QPSK-20635-1RB#14



Band5-3MHz-QPSK-20635-15RB#0



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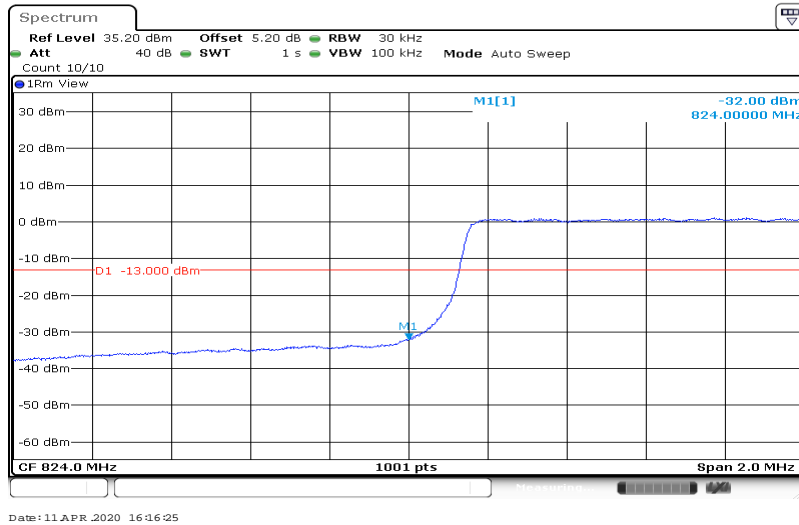
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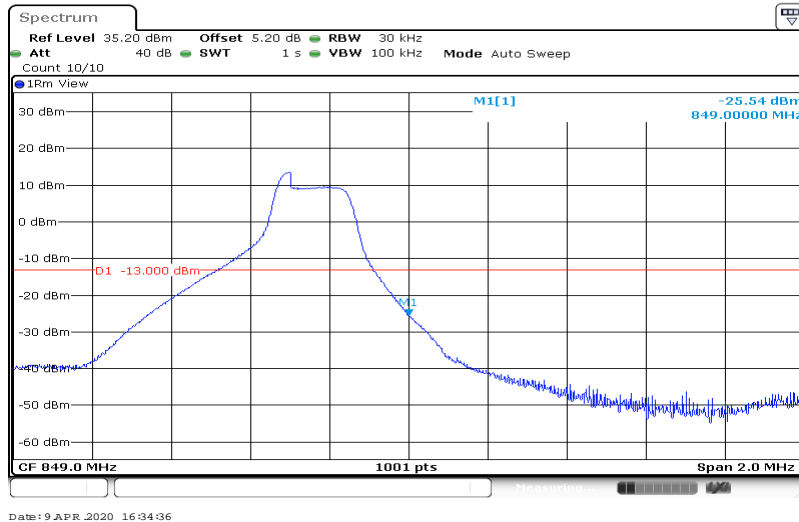
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Band5-3MHz-64QAM-20635-15RB#0

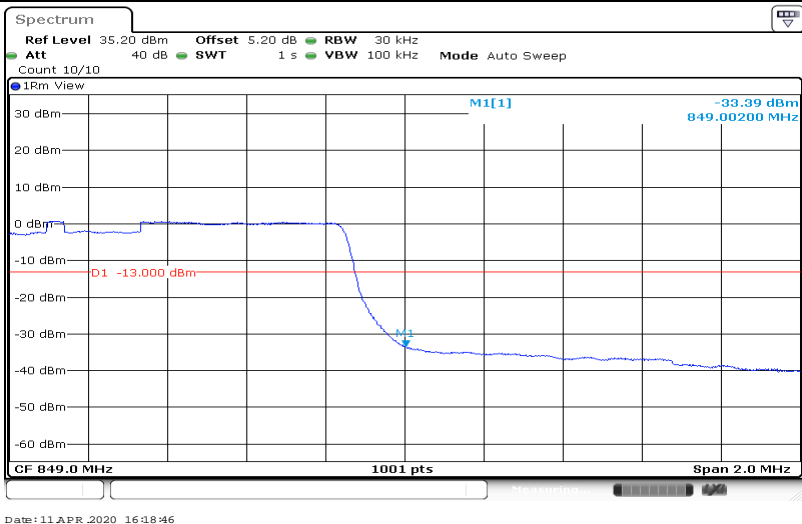


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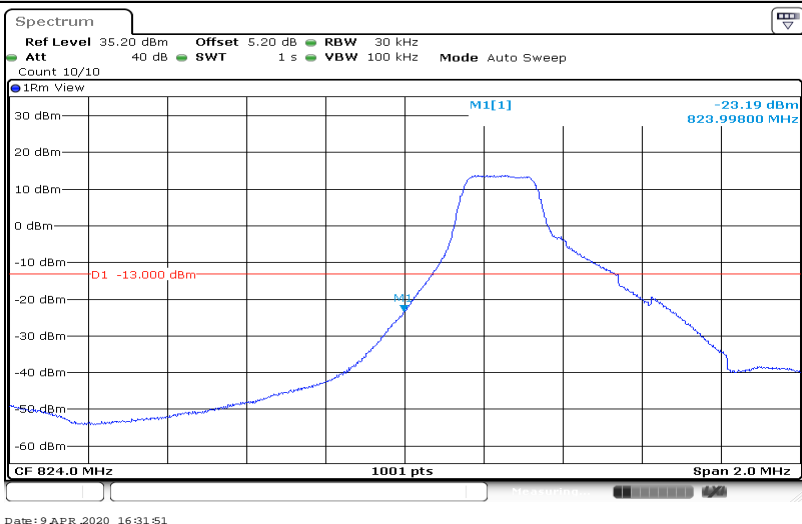
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Band5-3MHz-16QAM-20415-1RB#0



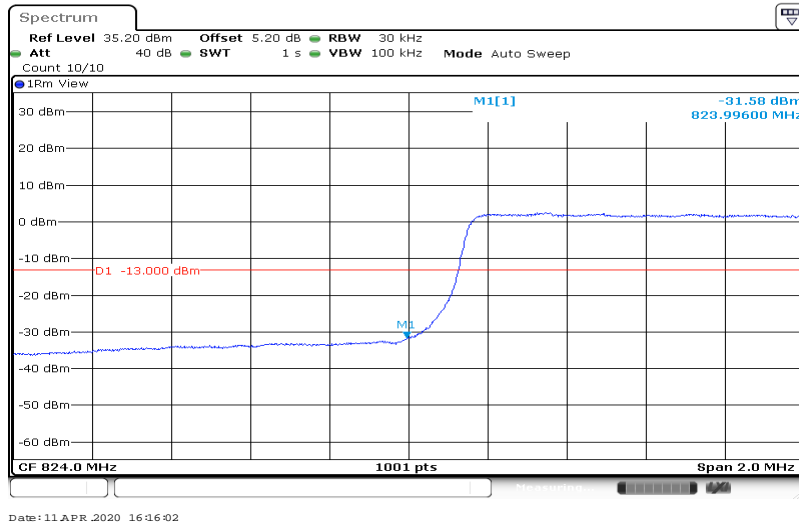
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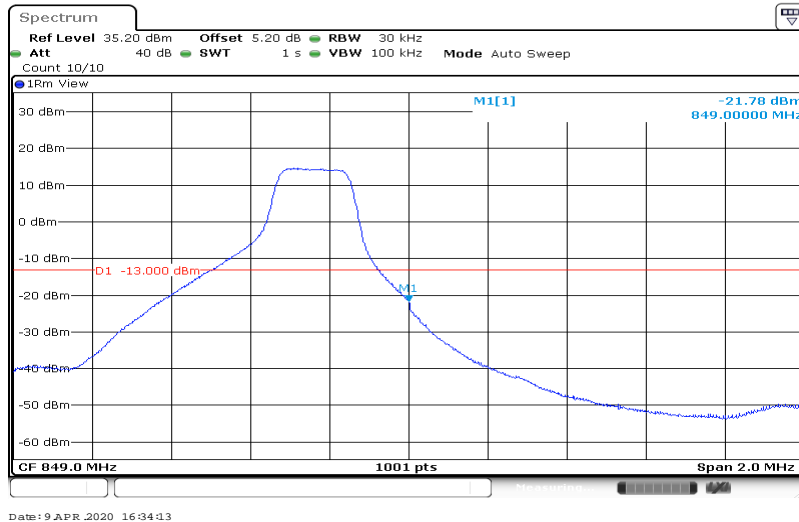
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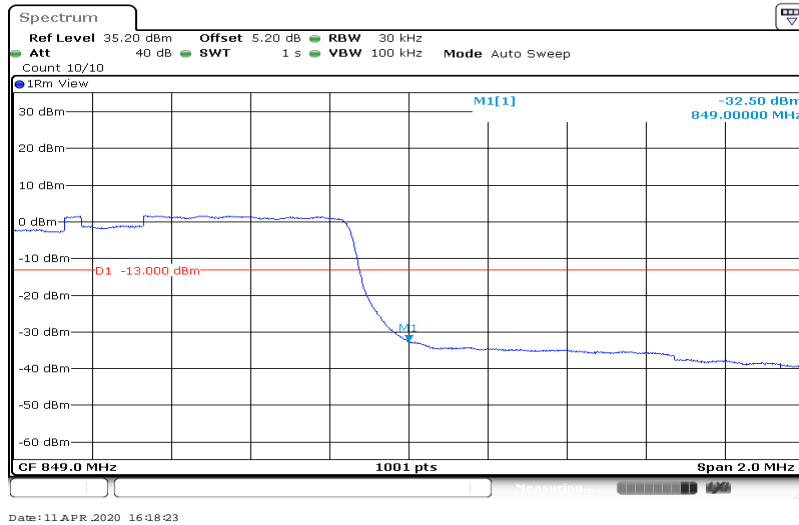
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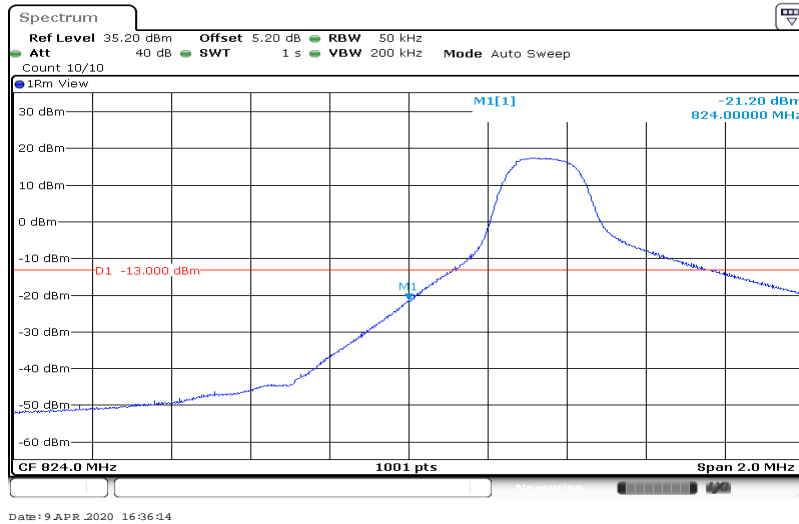
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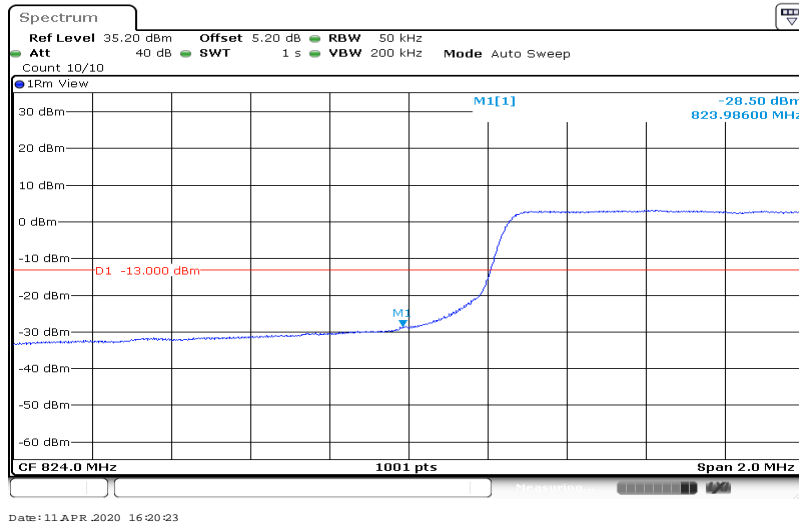


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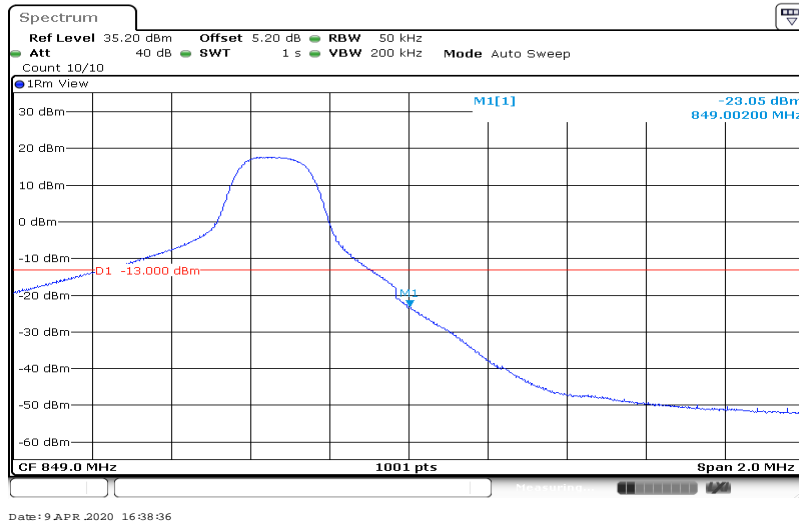


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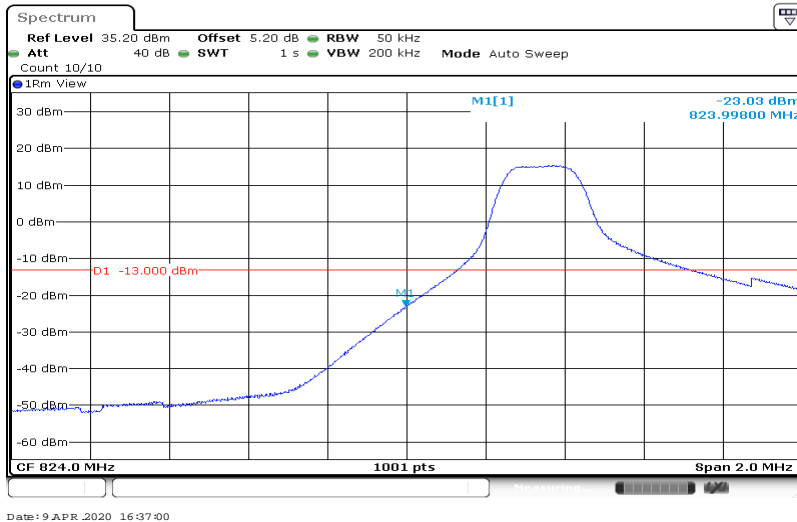
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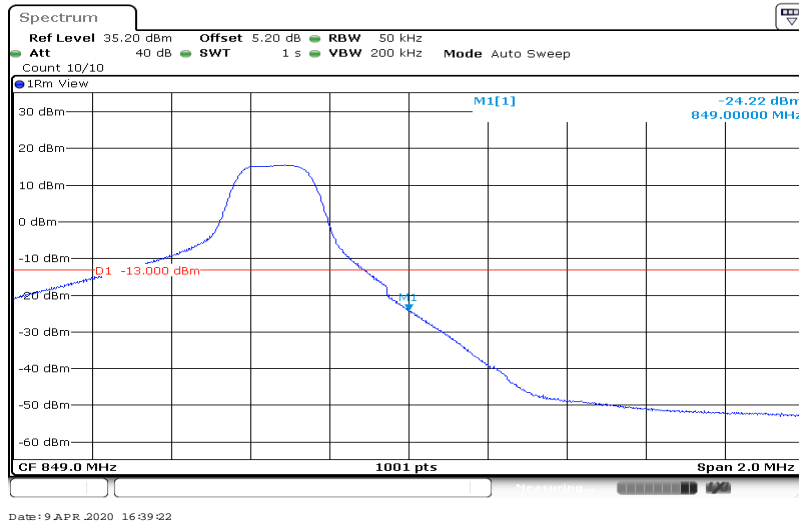
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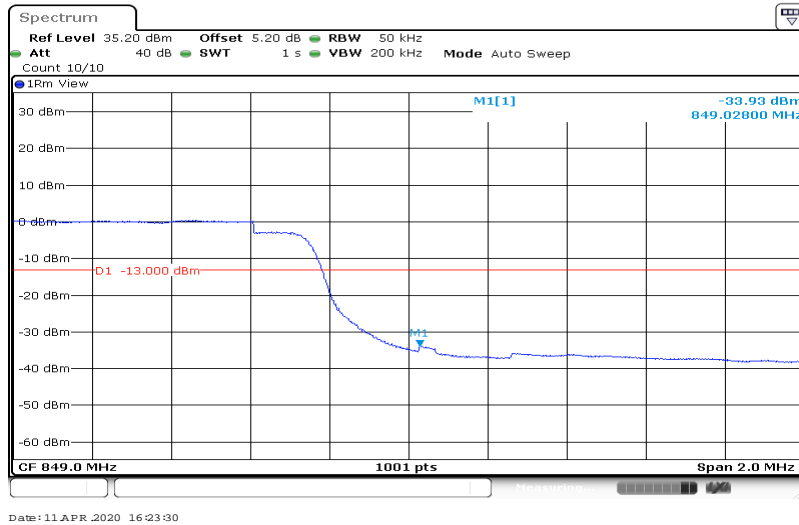
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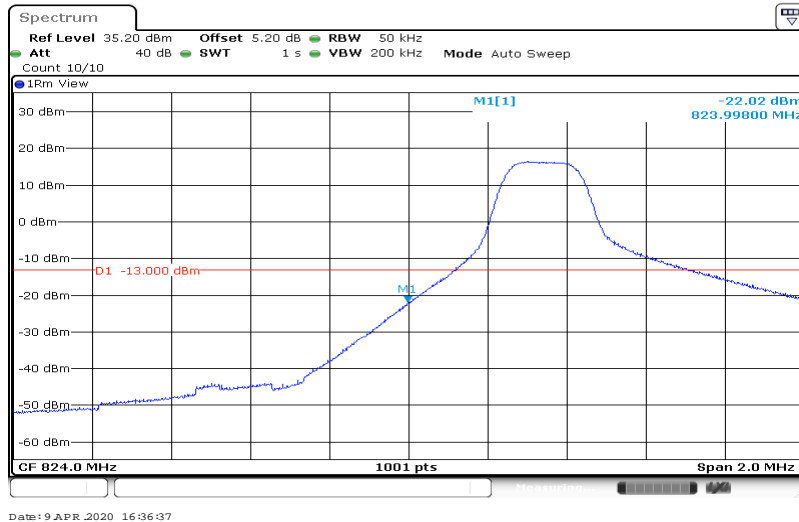
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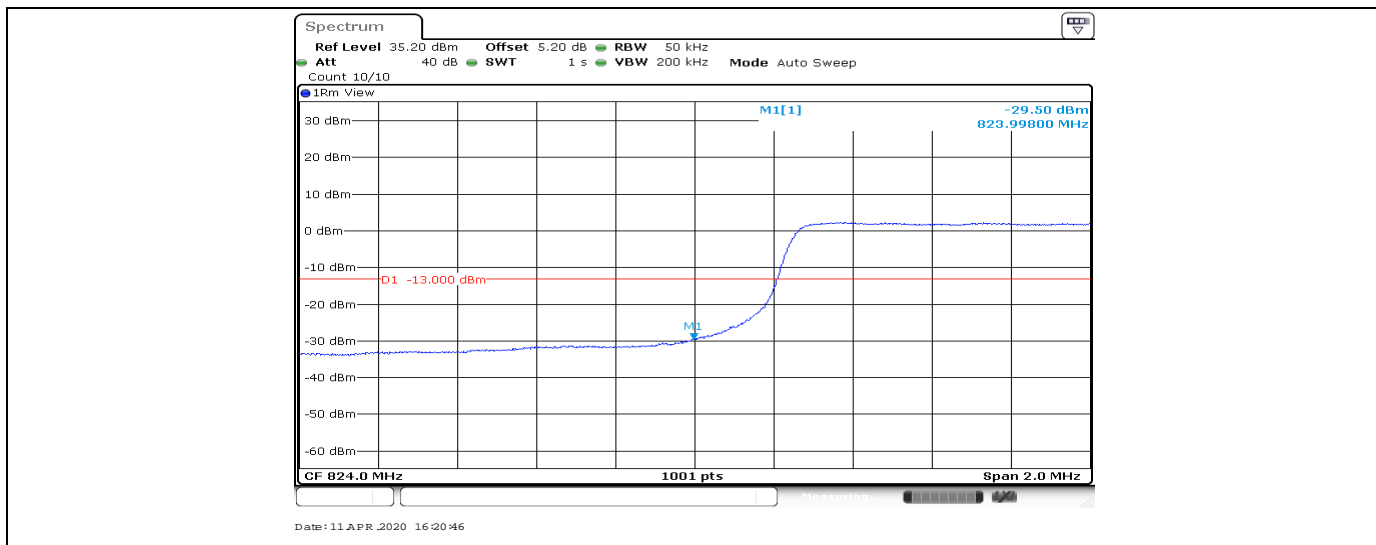


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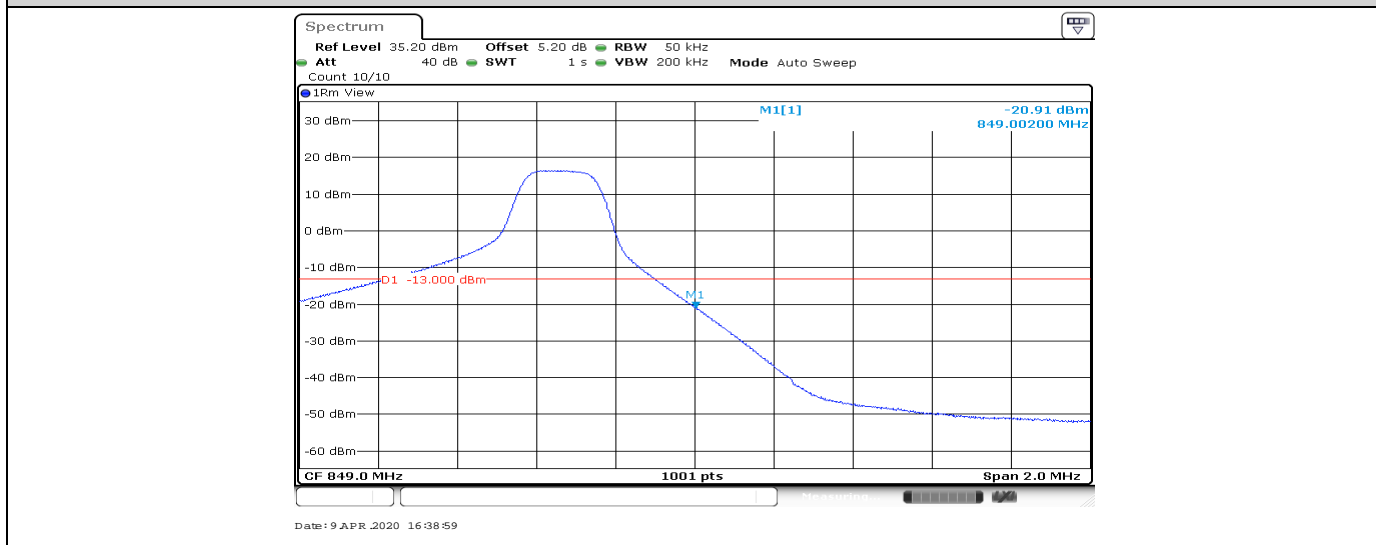


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Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0



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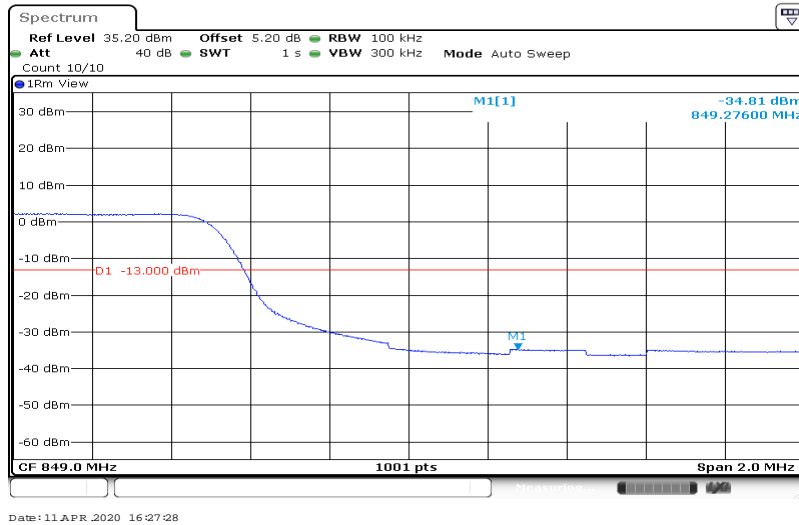
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**Band5-10MHz-64QAM-20450-1RB#0**



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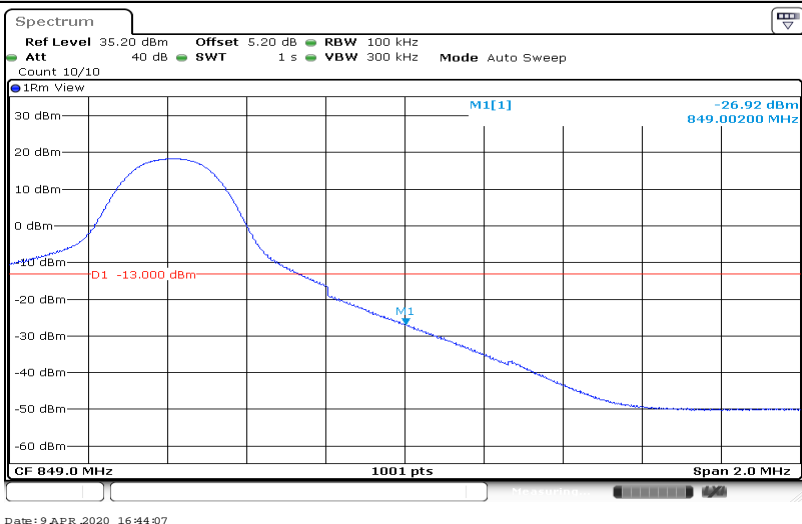


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Band5-10MHz-64QAM-20600-1RB#49



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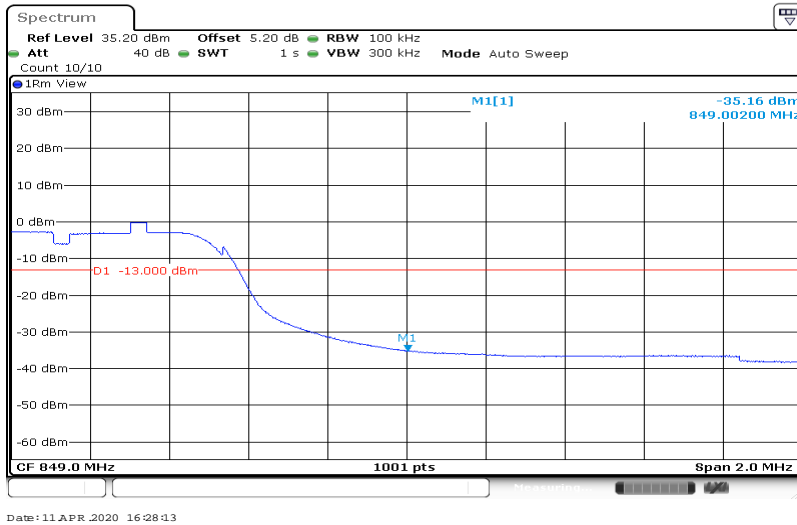


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Band5-10MHz-16QAM-20450-1RB#0



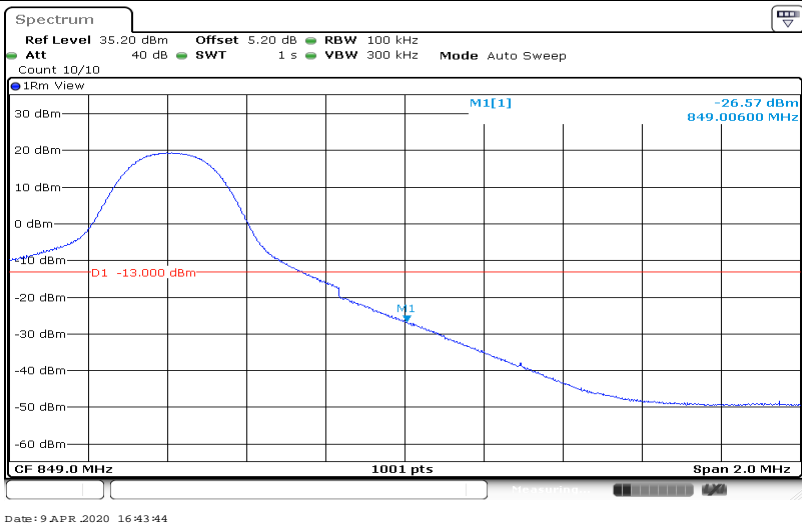
Band5-10MHz-16QAM-20450-50RB#0



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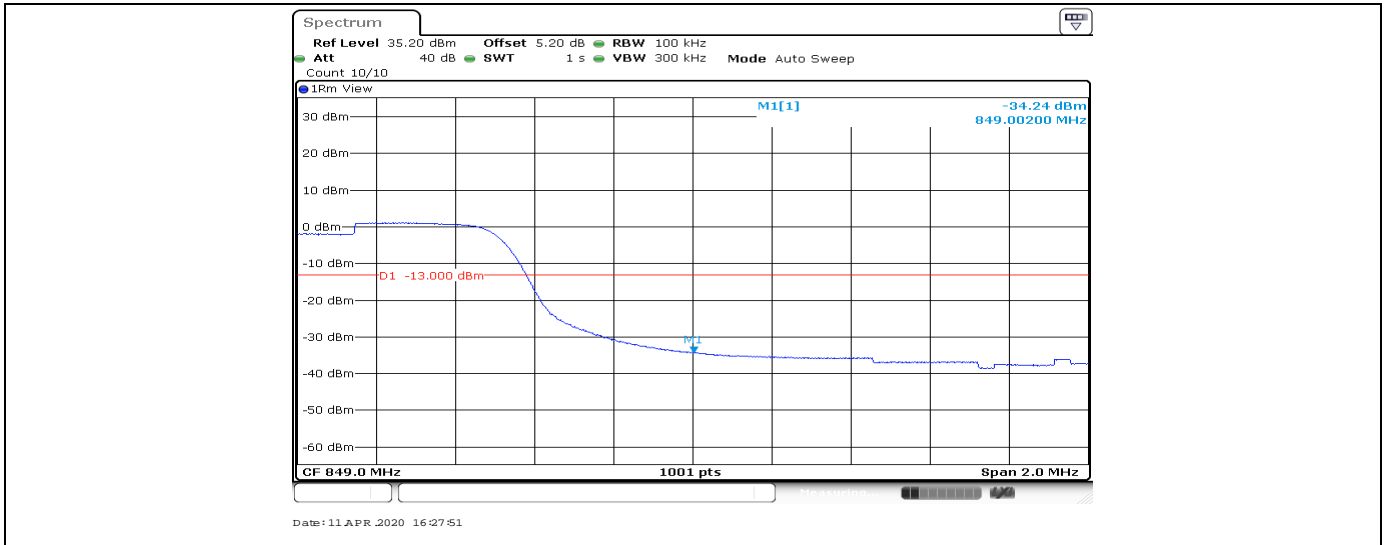
Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



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## 6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

### 6.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-49.21	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~12000MHz	-39.19	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~12000MHz	-39.04	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-49.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~12000MHz	-39.11	PASS
Band5	10MHz	64QAM	20450	1RB#0	Range1:30~1000MHz	-48	PASS
Band5	10MHz	64QAM	20450	1RB#0	Range2:1000~12000MHz	-39.12	PASS
Band5	10MHz	64QAM	20525	1RB#0	Range1:30~1000MHz	-49.25	PASS
Band5	10MHz	64QAM	20525	1RB#0	Range2:1000~12000MHz	-39.07	PASS
Band5	10MHz	64QAM	20600	1RB#0	Range1:30~1000MHz	-49.11	PASS
Band5	10MHz	64QAM	20600	1RB#0	Range2:1000~12000MHz	-39	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-49.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~12000MHz	-39.01	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.16	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~12000MHz	-39.1	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-49.46	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~12000MHz	-38.96	PASS

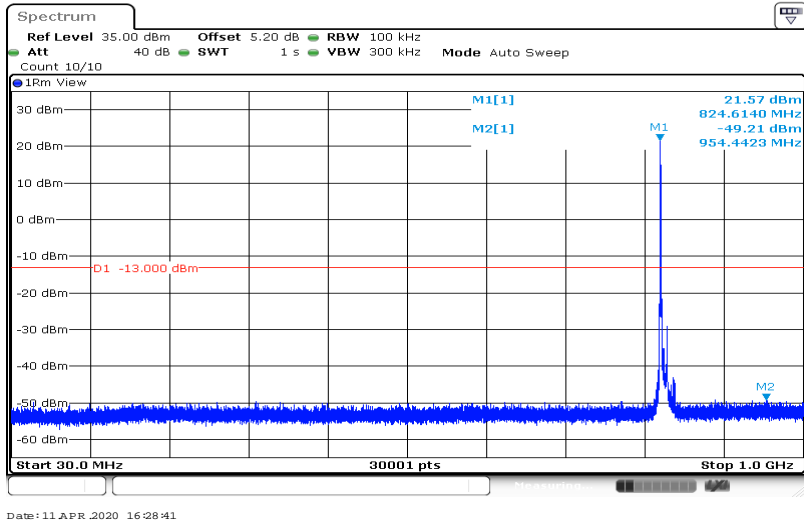
### 6.2. Test Plots

Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz

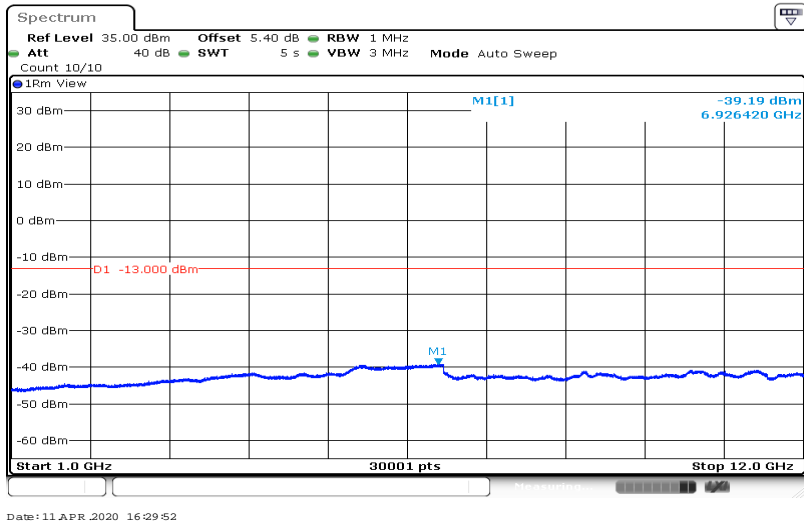


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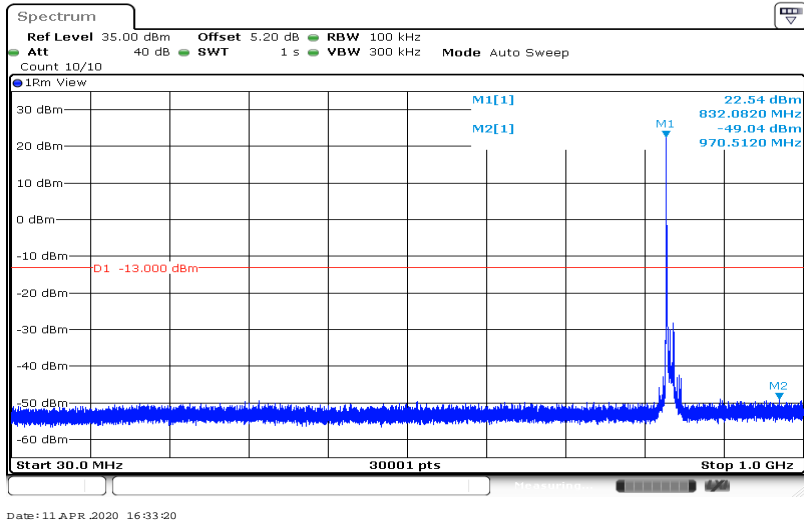
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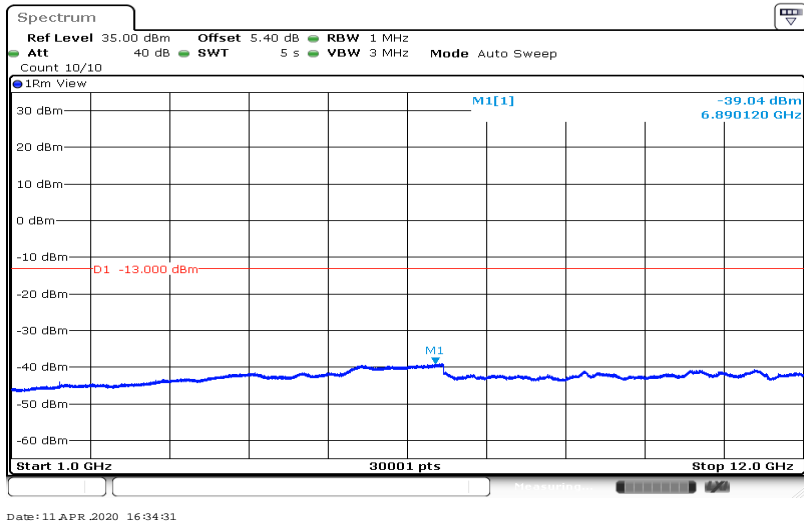
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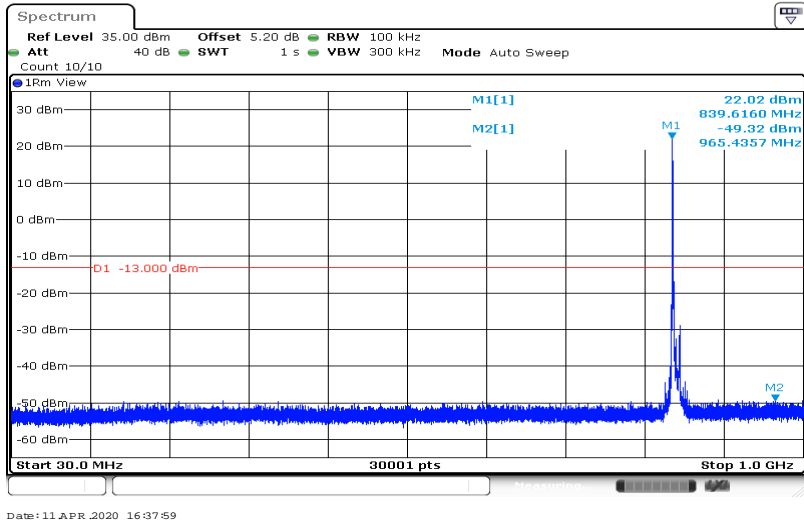
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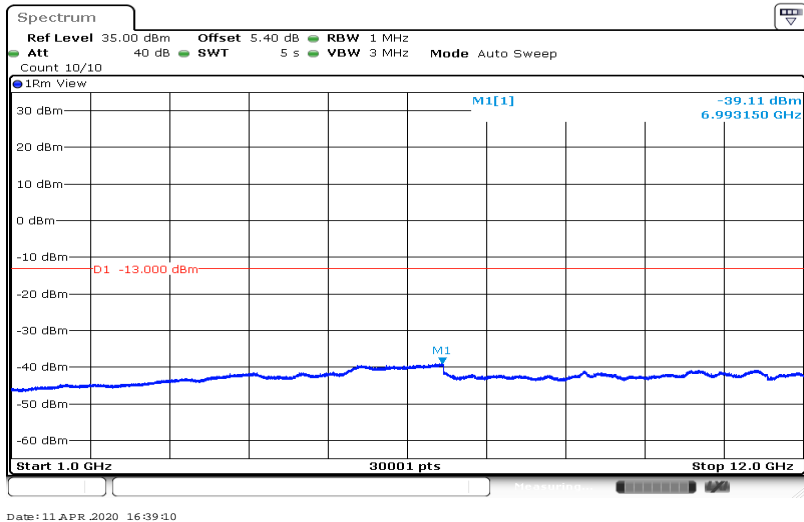
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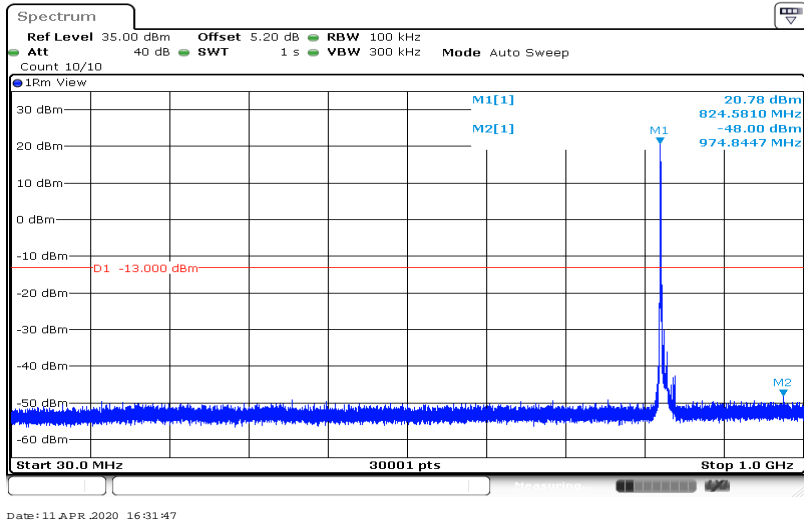


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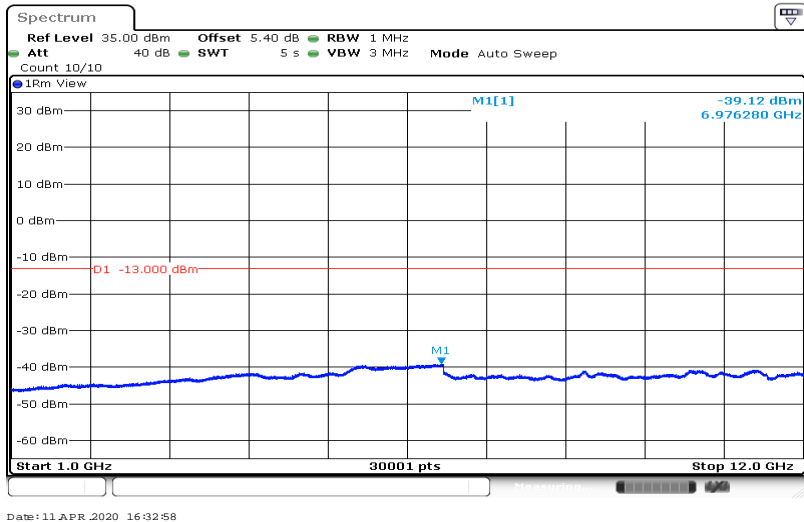


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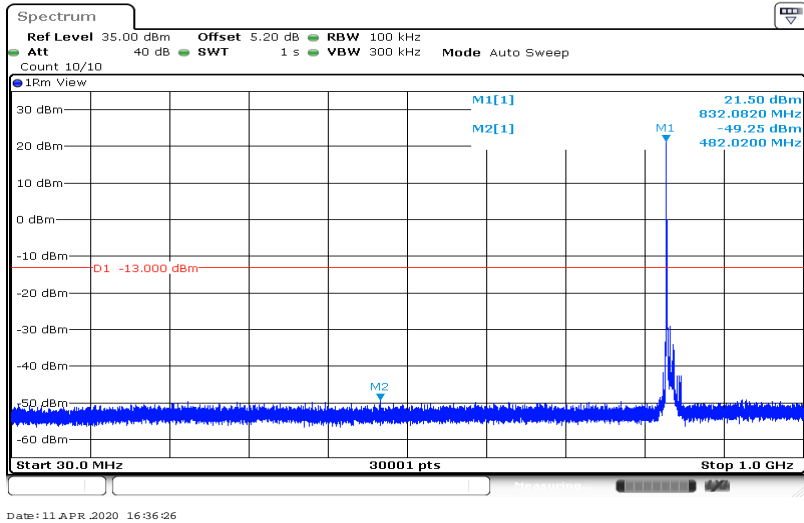
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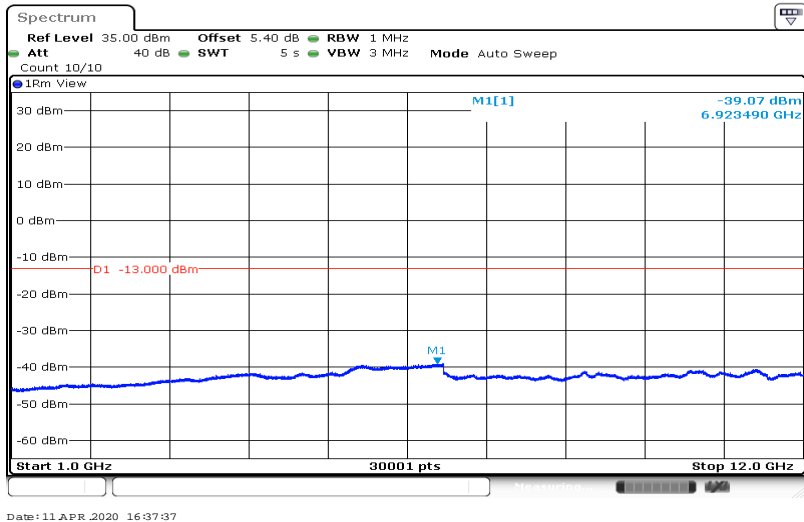
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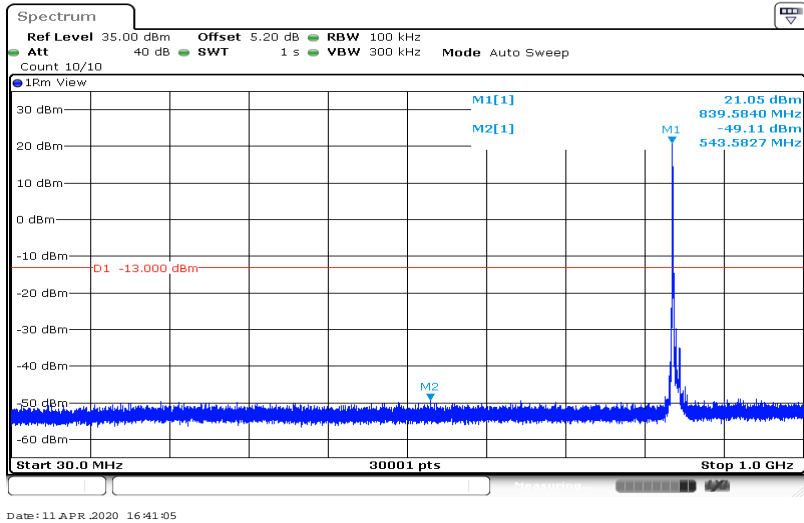
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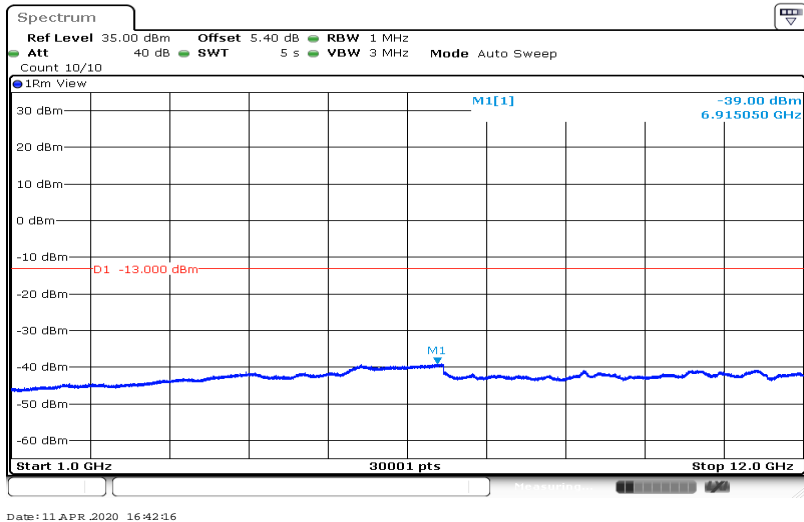
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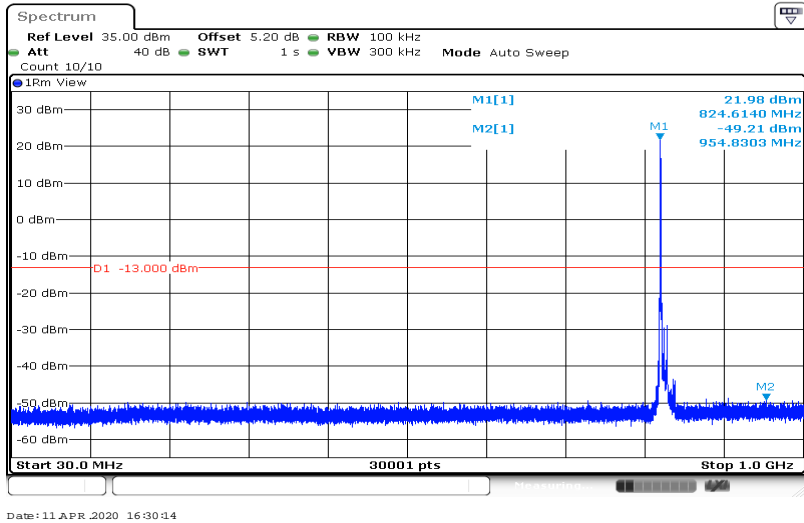


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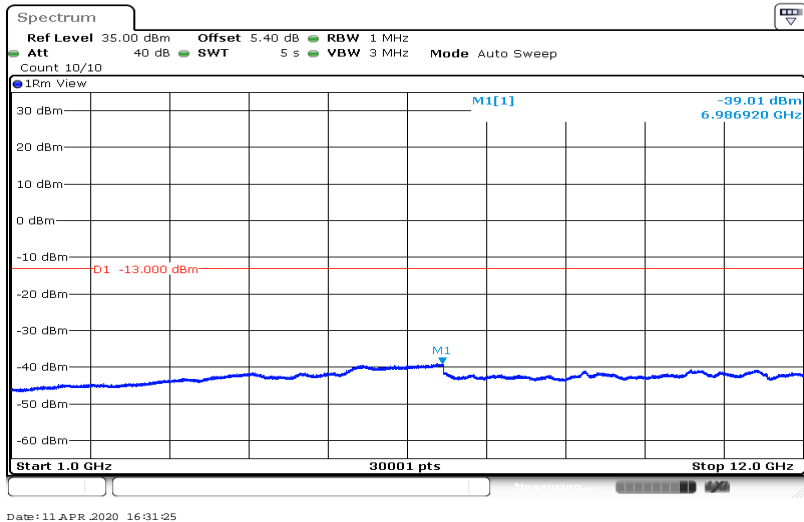


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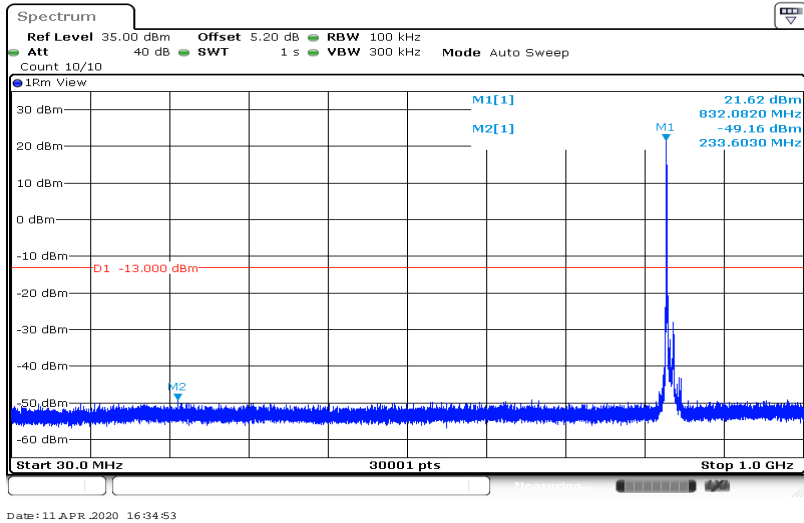


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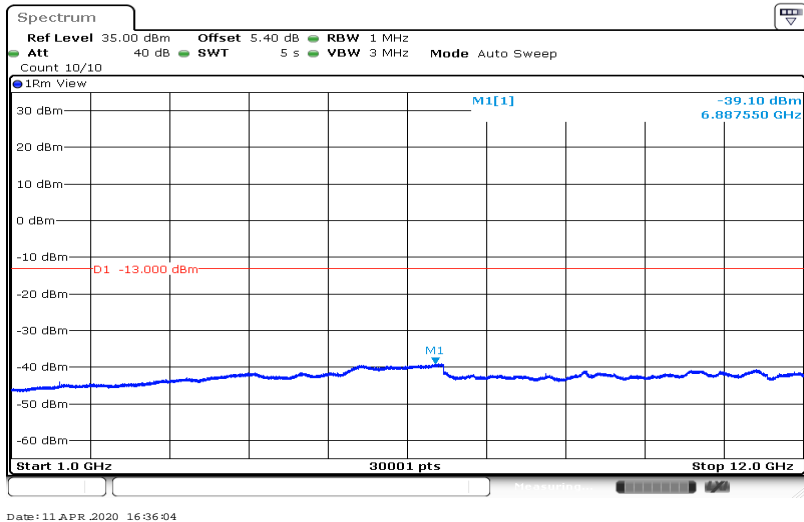


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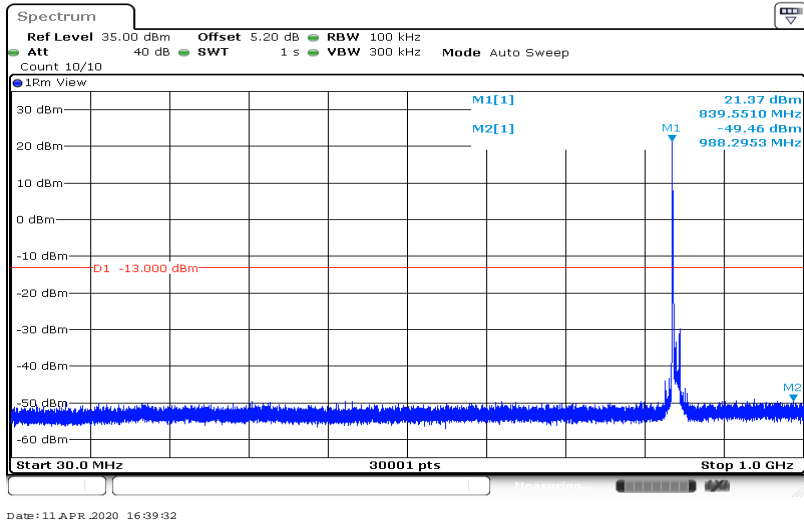


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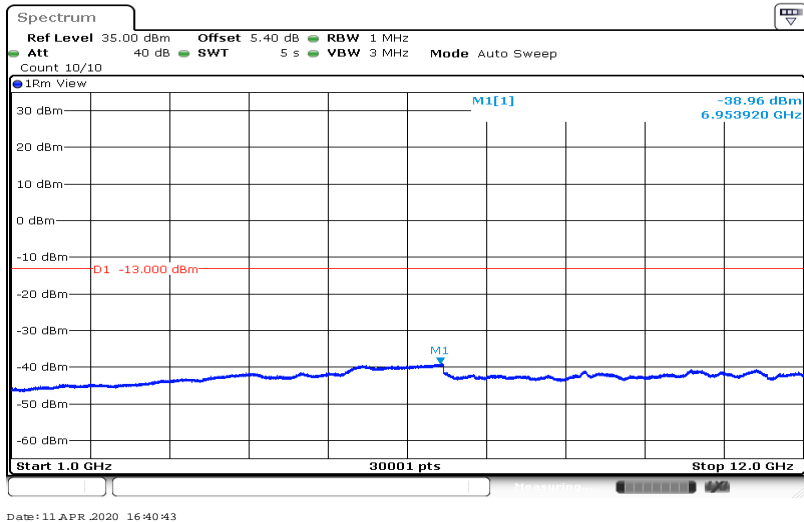


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**Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~12000MHz**



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 10MHz(Down Ant)

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.6848	-70.86	-13.00	57.86	Vertical
113.5697	-62.80	-13.00	49.80	Vertical
454.5417	-64.55	-13.00	51.55	Vertical
1648.9298	-61.31	-13.00	48.31	Vertical
3000.0000	-55.90	-13.00	42.90	Vertical
8770.1923	-52.87	-13.00	39.87	Vertical
44.4052	-62.39	-13.00	49.39	Horizontal
238.4149	-65.14	-13.00	52.14	Horizontal
570.2685	-61.59	-13.00	48.59	Horizontal
1649.3299	-56.23	-13.00	43.23	Horizontal
3000.0000	-56.10	-13.00	43.10	Horizontal
8780.1927	-53.55	-13.00	40.55	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
52.2141	-70.31	-13.00	57.31	Vertical
106.3428	-61.78	-13.00	48.78	Vertical
385.9593	-65.26	-13.00	52.26	Vertical
1700.1400	-59.12	-13.00	46.12	Vertical
3000.0000	-55.89	-13.00	42.89	Vertical
8771.1924	-53.23	-13.00	40.23	Vertical
46.0543	-62.45	-13.00	49.45	Horizontal
238.4149	-65.20	-13.00	52.20	Horizontal
543.3982	-62.38	-13.00	49.38	Horizontal
1664.1328	-57.64	-13.00	44.64	Horizontal
2496.2993	-55.06	-13.00	42.06	Horizontal
8776.3925	-53.17	-13.00	40.17	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.8075	-70.55	-13.00	57.55	Vertical
112.0661	-61.07	-13.00	48.07	Vertical
386.0078	-65.38	-13.00	52.38	Vertical
1699.7399	-59.21	-13.00	46.21	Vertical
3000.0000	-55.75	-13.00	42.75	Vertical
8773.1924	-53.43	-13.00	40.43	Vertical
43.1442	-61.82	-13.00	48.82	Horizontal
243.0712	-65.57	-13.00	52.57	Horizontal
541.0216	-62.03	-13.00	49.03	Horizontal
1678.9358	-55.78	-13.00	42.78	Horizontal
3000.0000	-55.97	-13.00	42.97	Horizontal
8761.9921	-52.87	-13.00	39.87	Horizontal

## 7.2. Test Mode =LTE/TM1 10MHz(UpAnt)

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.1260	-62.59	-13.00	49.59	Vertical
595.4898	-61.30	-13.00	48.30	Vertical
1700.1400	-61.80	-13.00	48.80	Vertical
2473.8948	-51.49	-13.00	38.49	Vertical
7255.7419	-57.12	-13.00	44.12	Vertical
8792.9931	-54.59	-13.00	41.59	Vertical
41.2041	-61.86	-13.00	48.86	Horizontal
553.9232	-62.31	-13.00	49.31	Horizontal
1700.1400	-63.03	-13.00	50.03	Horizontal
2473.4947	-51.58	-13.00	38.58	Horizontal
7451.1484	-56.39	-13.00	43.39	Horizontal
8763.5921	-54.77	-13.00	41.77	Horizontal



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### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.9391	-62.31	-13.00	49.31	Vertical
497.0299	-63.36	-13.00	50.36	Vertical
1764.1528	-59.21	-13.00	46.21	Vertical
2496.2993	-53.44	-13.00	40.44	Vertical
7349.5450	-55.96	-13.00	42.96	Vertical
8763.9921	-54.57	-13.00	41.57	Vertical
45.1813	-62.42	-13.00	49.42	Horizontal
526.8103	-61.38	-13.00	48.38	Horizontal
1700.1400	-63.19	-13.00	50.19	Horizontal
2496.2993	-53.81	-13.00	40.81	Horizontal
7405.9469	-56.75	-13.00	43.75	Horizontal
8808.9936	-54.79	-13.00	41.79	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.8535	-62.13	-13.00	49.13	Vertical
580.2115	-61.57	-13.00	48.57	Vertical
1700.1400	-61.74	-13.00	48.74	Vertical
2518.7037	-51.91	-13.00	38.91	Vertical
7978.9660	-55.52	-13.00	42.52	Vertical
8783.7928	-54.63	-13.00	41.63	Vertical
43.2897	-61.74	-13.00	48.74	Horizontal
490.5305	-63.90	-13.00	50.90	Horizontal
1746.1492	-59.85	-13.00	46.85	Horizontal
2518.7037	-50.19	-13.00	37.19	Horizontal
7455.1485	-56.53	-13.00	43.53	Horizontal
8786.3929	-54.83	-13.00	41.83	Horizontal

**Remark:**

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-4.08	-0.004922	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-3.48	-0.004198	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	2.50	0.003016	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-3.30	-0.003945	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.98	-0.004758	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-4.81	-0.005750	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-3.89	-0.004609	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-5.36	-0.006351	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-4.19	-0.004964	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-0.10	-0.000121	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-1.60	-0.001930	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-1.50	-0.001793	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	-2.10	-0.002488	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	2.05	0.002473	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-3.35	-0.004041	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.15	-0.003800	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-4.35	-0.005200	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	3.16	0.003778	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-4.06	-0.004854	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.82	-0.003341	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.89	-0.003424	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-4.18	-0.004953	±2.5	PASS

### 8.1. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-4.25	-0.005127	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-4.28	-0.005163	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-3.42	-0.004125	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-4.42	-0.005332	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.71	-0.004475	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.45	-0.004162	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.73	-0.003293	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-4.22	-0.005090	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-4.21	-0.005033	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-3.42	-0.004088	±2.5	PASS



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Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.46	-0.004136	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-4.15	-0.004961	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.85	-0.004603	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.82	-0.004567	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-4.41	-0.005272	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-4.02	-0.004806	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-2.30	-0.002725	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-4.13	-0.004893	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.79	-0.004491	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-4.52	-0.005355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-4.81	-0.005699	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-3.02	-0.003578	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	3.32	0.003934	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.62	-0.004289	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	0.50	0.000603	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-1.30	-0.001568	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	0.20	0.000241	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	-0.90	-0.001086	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	0.10	0.000121	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	0.50	0.000598	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	0.20	0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	0.10	0.000120	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	-2.30	-0.002750	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-1.40	-0.001659	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	0.20	0.000237	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-0.70	-0.000829	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	0.80	0.000948	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	0.40	0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-3.35	-0.004041	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.99	0.003607	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.68	-0.003233	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	2.25	0.002714	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	3.20	0.003860	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	2.72	0.003281	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-3.86	-0.004656	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-3.13	-0.003776	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	3.13	0.003742	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.66	-0.004375	±2.5	PASS



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Band5	10MHz	16QAM	20525	50RB#0	NV	0	-3.18	-0.003802	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-3.15	-0.003766	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-4.01	-0.004794	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-3.45	-0.004124	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-3.20	-0.003825	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-4.13	-0.004937	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-4.05	-0.004799	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-4.71	-0.005581	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-3.99	-0.004727	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-3.78	-0.004479	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	3.05	0.003614	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-3.98	-0.004716	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-3.30	-0.003910	±2.5	PASS



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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com